

## A47C

**CHAIRS** (seats specially adapted for vehicles [B60N 2/00](#); [N: hunting stands, e.g. hunting seats [A01M 31/02](#); seats adapted for angling, e.g. fisherman's seats [A01K 97/22](#); bath seats [A47K 3/12](#); shower seats [A47K 3/282](#); chairs with toilet means [A47K 11/04](#); seats for surgeons, dentists [A61B19/00J](#); chairs for disabled persons [A61G 5/00](#); operating chairs, dental chairs, physiotherapeutic chairs, gynecological chairs [A61G 15/00](#); chairs with massage means [A61H1/00B4](#); ski-lift seats [B61B 12/002](#); rail vehicles seats [B61D 33/00](#); vessel furniture, e.g. boat seats [B63B 29/04](#); aircraft seats [B64D 11/06](#)]); **SOFAS**; **BEDS** (upholstery in general [B68G](#); [N: beds specially adapted for nursing [A61G 7/00](#); sleeping accommodation for caravans [B60P 3/38](#), sleeping accommodation for rail vehicles [B61D 31/00](#); sleeping accommodation for load-carrying vehicles [B62D 33/0612](#); berths for vessels [B63B 29/10](#)])

### Definition statement

*This subclass/group covers:*

Seating or lying furniture not provide for in other part of the classification (see list below).

### References relevant to classification in this subclass

*This subclass/group does not cover:*

Seats adapted for angling, e.g. fisherman's seats	<a href="#">A01K 97/22</a>
Hunting stands, e.g. hunting seats	<a href="#">A01M 31/02</a>
Tables; Desks; Cabinets in general	<a href="#">A47B</a>
Children's furniture	<a href="#">A47D</a>
Bed-covers; Counterpanes; Travelling rugs; Sleeping rugs; Sleeping bags; Pillows	<a href="#">A47G 9/00</a>
Bath seats	<a href="#">A47K 3/12</a>
Shower seats	<a href="#">A47K 3/282</a>
Chairs with toilet means	<a href="#">A47K 11/04</a>

Seats for surgeons or dentists	<a href="#">A61B 19/28</a>
Chairs for disable persons	<a href="#">A61G 5/00</a>
Medical beds	<a href="#">A61G 7/00</a>
Operating chairs, dental chairs, physiotherapeutic chairs, gynaecological chairs	<a href="#">A61G 15/00</a>
Chairs with massage means	<a href="#">A61H 2201/0149</a>
Beds with massage means	<a href="#">A61H 2201/0142</a>
Mattresses with massage means	<a href="#">A61H 2201/0146</a>
Producing upholstery articles, e.g. cushions, seats	<a href="#">B29D 99/0092</a>
Seats specially adapted for vehicles	<a href="#">B60N 2/00</a>
Sleeping accommodation for caravans	<a href="#">B60P 3/38</a>
Ski-lift seats	<a href="#">B61B 12/002</a>
Sleeping accommodation for rail vehicles	<a href="#">B61D 31/00</a>
Rail vehicles seats	<a href="#">B61D 33/00</a>
Sleeping accommodation for load-carrying vehicles	<a href="#">B62D 33/0612</a>
Vessel furniture, e.g. boat seats	<a href="#">B63B 29/04</a>
Berths for vessels	<a href="#">B63B 29/10</a>
Aircraft seats	<a href="#">B64D 11/06</a>
Upholstery in general	<a href="#">B68G</a>
Jointing of furniture	<a href="#">F16B 12/00</a>
Testing of furniture, e.g. seats or	<a href="#">G01M 99/001</a>

mattresses	
Production of mattresses or cushions by moulding	<b>L29C531/00</b>
Production of seats by moulding	<b>L29C583/00</b>
Production of upholstery by moulding	<b>L29C601/00</b>

## **A47C 1/00**

**Chairs adapted for special purposes (features relating to vertical adjustability [A47C 3/20](#); convertible chairs [A47C 13/00](#); chairs or personal conveyances specially adapted for patients or disabled persons [A61G 5/00](#); operating chairs, dental chairs [A61G 15/00](#))**

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Seats adapted for angling, e.g. fisherman's seats	<a href="#">A01K 97/22</a>
Hunting stands, e.g. hunting seats	<a href="#">A01M 31/02</a>
Bath seats	<a href="#">A47K 3/12</a>
Shower seats	<a href="#">A47K 3/282</a>
Chairs with toilet means	<a href="#">A47K 11/04</a>
Seats for surgeons or dentists	<a href="#">A61B 19/28</a>
Chairs for disable persons	<a href="#">A61G 5/00</a>
Operating chairs, dental chairs, physiotherapeutic chairs, gynaecological chairs	<a href="#">A61G 15/00</a>
Chairs with massage means	<b>A61H1/2201/0149</b>
Seats specially adapted for vehicles	<a href="#">B60N 2/00</a>
Ski-lift seats	<a href="#">B61B 12/002</a>

Rail vehicles seats	<a href="#">B61D 33/00</a>
Vessel furniture, e.g. boat seats	<a href="#">B63B 29/04</a>
Aircraft seats	<a href="#">B64D 11/06</a>
Exercising apparatus combined with chairs	<a href="#">A63B 21/16</a>

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Chairs characterised by structural features; Chairs or stools with rotatable or vertically-adjustable seats	<a href="#">A47C 3/00</a>
Foldable, collapsible or dismountable chairs	<a href="#">A47C 4/00</a>
Chairs of special materials	<a href="#">A47C 5/00</a>
Part, details or accessories of chairs	<a href="#">A47C 7/00</a>
Stools for specified purposes	<a href="#">A47C 9/00</a>
Benches	<a href="#">A47C 11/00</a>
Convertible chairs	<a href="#">A47C 13/00</a>
Other seating furniture	<a href="#">A47C 15/00</a>
Sofas; Couches	<a href="#">A47C 17/02</a> <b>A74C17/04</b>

## **A47C 1/022**

**having independently-adjustable supporting parts**

### Definition statement

*This subclass/group covers:*

Chairs having independently-adjustable supporting parts, e.g. having

independently-adjustable backrest, backrest-seat-unit or arm-rest

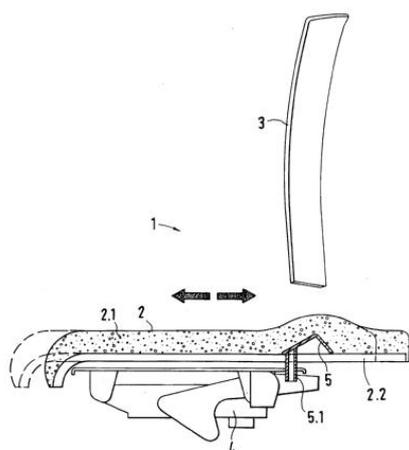
## A47C 1/023

the parts being horizontally-adjustable seats; [N: Expandable seats or the like, e.g. seats with horizontally adjustable parts]

### Definition statement

*This subclass/group covers:*

Seats having seating depth adjustment by horizontal adjustment of the seat or by horizontal movement of the backrest.



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### References relevant to classification in this group

*This subclass/group does not cover:*

Adjustable vehicles seat-cushion length	<a href="#">B60N 2/0284</a>
Chairs for disable persons having adjustable depth seats	<a href="#">A61G 5/1064</a>

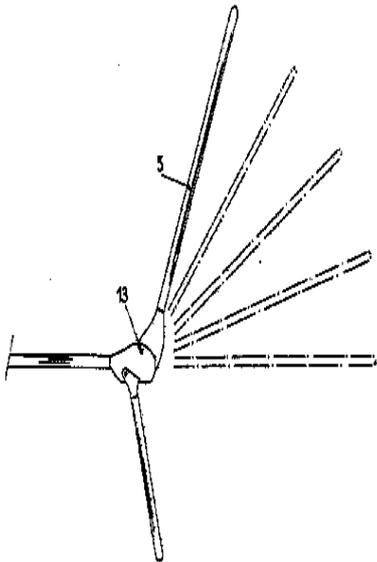
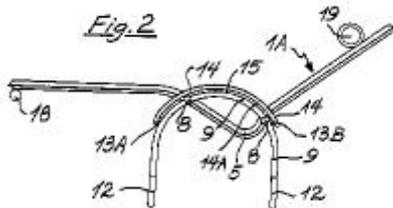
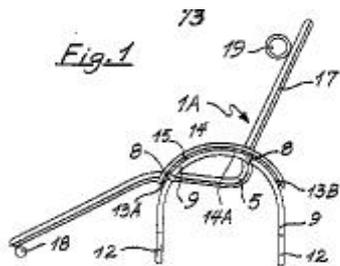
## A47C 1/024

the parts, being the back-rest, or the back-rest and seat unit, having adjustable [N: and lockable] inclination

### Definition statement

*This subclass/group covers:*

Illustrative examples of subject matter classified in this group:



WO9419991 FR2094463

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having movably-coupled adjustable seat and backrest	<a href="#">A47C 1/032</a>
Chairs having adjustable leg-rest or foot-rest connected to movable backrest or backrest-seat-unit	<a href="#">A47C 1/0342</a>
Rocking chairs with central column and with backrest-seat-unit elastically mounted in a ridged frame	<a href="#">A47C 3/026</a>

Seating furniture convertible to bed by tilting or pivoting the back-rest	<a href="#">A47C 17/16</a>
Adjustable children's chairs	<a href="#">A47D 1/002</a>
Vehicle seats with adjustable backrest	<a href="#">B60N 2/22</a>

## Informative references

Attention is drawn to the following places, which may be of interest for search:

Chairs with elastically-mounted backrest or backrest-seat-unit in the base frame	<a href="#">A47C 7/44</a>
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## Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

Backrest-seat-unit	backrest and a seat permanently connected to each other
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## A47C 1/028

for changing a straight chair into an easy chair, [N: e.g. by inverting or tilting seat and back-rest in the base frame or by overturning the whole chair]

### Definition statement

*This subclass/group covers:*

Chairs convertible from a straight chair into an easy chair, e.g. by inverting or tilting seat and back-rest in the base frame or by overturning the whole chair

### References relevant to classification in this group

*This subclass/group does not cover:*

Chair or stool bases for uneven surfaces	<a href="#">A47C 7/008</a>
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Children's chairs convertible from high chair to low chair by reversing	<a href="#">A47D 1/04</a>
Standing-up or seating -down aids	<a href="#">A61G 5/14</a>

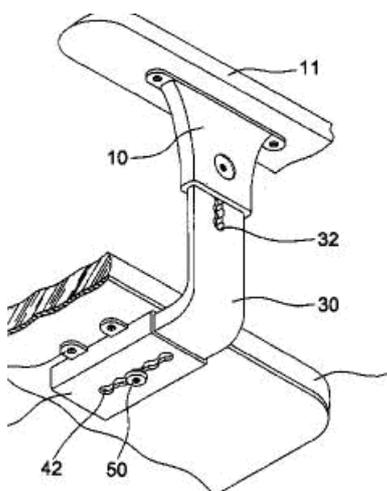
## A47C 1/03

the parts being arm-rests [N: (conversion into a bed [A47C 17/12](#) )]

### Definition statement

*This subclass/group covers:*

Adjustable armrests adaptable to suitable arm position or to the size of the user



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### References relevant to classification in this group

*This subclass/group does not cover:*

Non-adjustable support armrests, e.g. movable to inoperative position or of detachable type.	<a href="#">A47C 7/54</a>
Chairs with armrest tables	<a href="#">A47C 7/68</a>
Sofas convertible to bed by tilting or extending the armrests	<a href="#">A47C 17/12</a>
Sofa convertible to bed by tilting or	<a href="#">A47C 17/18</a>

pivoting a backrest with tilting or pivoting the armrest	
Armrest for vehicles seats	<a href="#">B60N 2/46</a>
Armrest for disable persons chairs	<a href="#">A61G 2005/125</a>

## A47C 1/031

### having coupled adjustable supporting parts

#### Definition statement

*This subclass/group covers:*

Chairs having coupled simultaneously movable support parts with adjustable inclination, e.g. backrest-seat-coupled, leg-rest-seat-coupled, headrest-backrest-coupled.

The movements between the parts is concurrent, in that both move simultaneously.

#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Movably-coupled parts	movement of one part, e.g. seat causes the different movement of the other coupled part e.g. backrest
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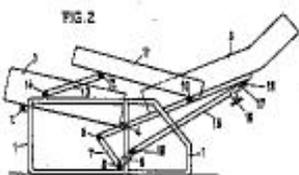
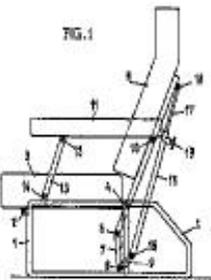
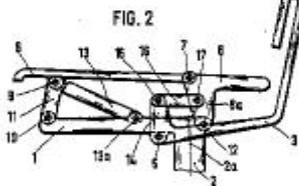
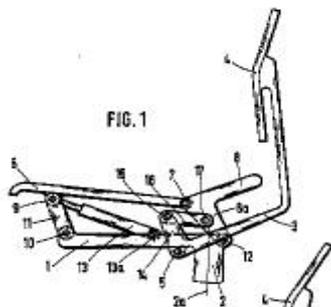
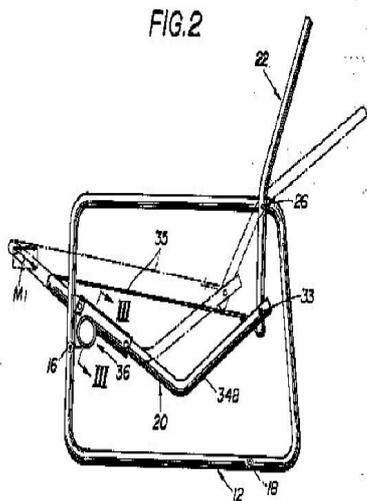
## A47C 1/032

### the parts being movably-coupled seat and back-rest ([A47C 1/035](#) takes precedence)

#### Definition statement

*This subclass/group covers:*

Chairs having coupled simultaneously movable seat and back-rest; having adjustable and lockable inclination; characterised by elastic means, e.g. coil spring.



EP189915 EP247312 GB1202658

**References relevant to classification in this group**

*This subclass/group does not cover:*

Chairs having	<a href="#">A47C 1/022</a>
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independently-adjustable supporting parts, e.g. having independently-adjustable backrest, backrest-seat-unit	
Chairs having adjustable leg-rest or foot-rest connected to movable-coupled seat and backrest	<a href="#">A47C 1/035</a>
Rocking office chairs with central column having seat or seat and back-rest unit elastically or pivotally mounted in a rigid base frame	<a href="#">A47C 3/026</a>
Chairs with elastically-mounted backrest or backrest-seat-unit in the base frame	<a href="#">A47C 7/44</a>
Adjustable children's chairs	<a href="#">A47D 1/002</a>
Vehicle seats with adjustable backrest	<a href="#">B60N 2/22</a>

## **A47C 1/034**

the parts including a leg-rest or foot-rest ([A47C 1/037](#) takes precedence; [N: supports for the feet or the legs coupled to fixed parts of the chair [A47C 7/50](#); independent foot-rests or leg-rests [A47C 16/02](#) ])

### **Definition statement**

*This subclass/group covers:*

Chairs having leg-rest or foot-rest coupled to other parts of the chair, e.g. backrest or seat, wherein their movement is simultaneous.

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Chairs having adjustable leg-rest or foot-rest in combination with head-rest	<a href="#">A47C 1/037</a>
Supports for the feet or the legs coupled to non-movable parts of the	<a href="#">A47C 7/50</a>

chair	
Stand-alone footrests or leg-rest	<a href="#">A47C 16/02</a>
Lower-leg-rests for vehicles, e.g. calf-rests	<a href="#">B60N 2/4495</a>
Foot-rests for vehicle seats	<a href="#">B60N 3/06</a>
Leg-rests or foot-rests for disable persons chairs	<a href="#">A61G 2005/127</a> <a href="#">A61G 2005/128</a>

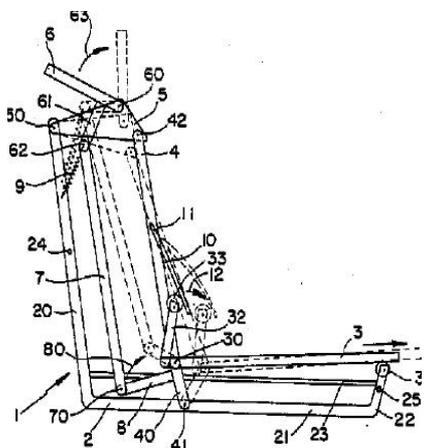
## A47C 1/036

the parts including a head-rest

### Definition statement

*This subclass/group covers:*

Chairs having head-rest coupled to other movable parts of the chair, e.g. movable backrest or seat, wherein their movement is simultaneous.



EP277870

### References relevant to classification in this group

*This subclass/group does not cover:*

Head-rests connected to non-movable parts of the chair	<a href="#">A47C 7/38</a>
Head-rests for vehicle seats	<a href="#">B60N 2/48</a>

Head rest for operating or dental chairs	<a href="#">A61G 15/125</a>
Head-rests for disable persons chairs	<a href="#">A61G 2005/121</a>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

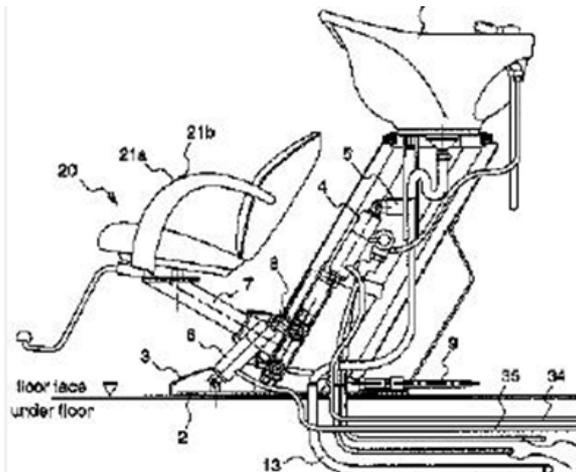
Beauty salon chairs with head-rests	<a href="#">A47C 1/10</a>
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### A47C 1/04

Hairdressers' or similar chairs, [N: e.g. beauty salon chairs]

#### Definition statement

This subclass/group covers:



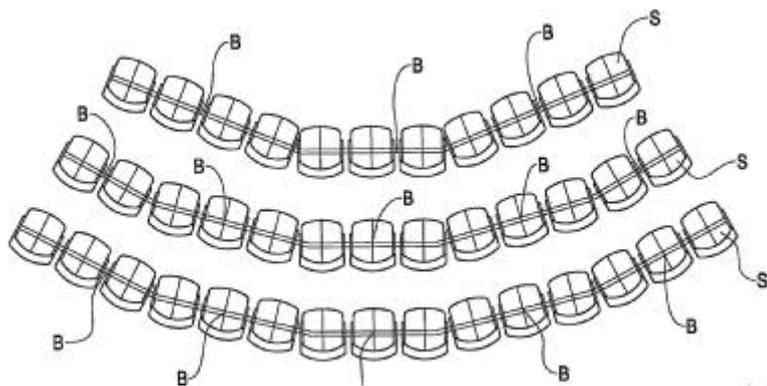
### A47C 1/12

Theatre, auditorium, or similar chairs (seats [N: detachably mounted on] stadium benches [A47C 1/16](#) )

#### Definition statement

This subclass/group covers:

Chairs used in theatres or auditoriums arranged especially in parallel rows



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## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs or seats detachable mounted on stadium benches	<a href="#">A47C 1/16</a>
Stackable chairs, Nesting chairs	<a href="#">A47C 3/04</a>
Benches	<a href="#">A47C 11/00</a>
Tribunes, grandstands, terraces or amphitheatres for spectators	<a href="#">E04H 3/12</a>
Auditoriums	<b>E04F3/30</b>
Coin-freed apparatus for seats or footstools	<a href="#">G07F 17/08</a>

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Parts or details of tipping-up chairs, e.g. of theatre chairs	<a href="#">A47C 7/56</a>
Modular seating	<a href="#">A47C 13/005</a>

## **A47C 1/14**

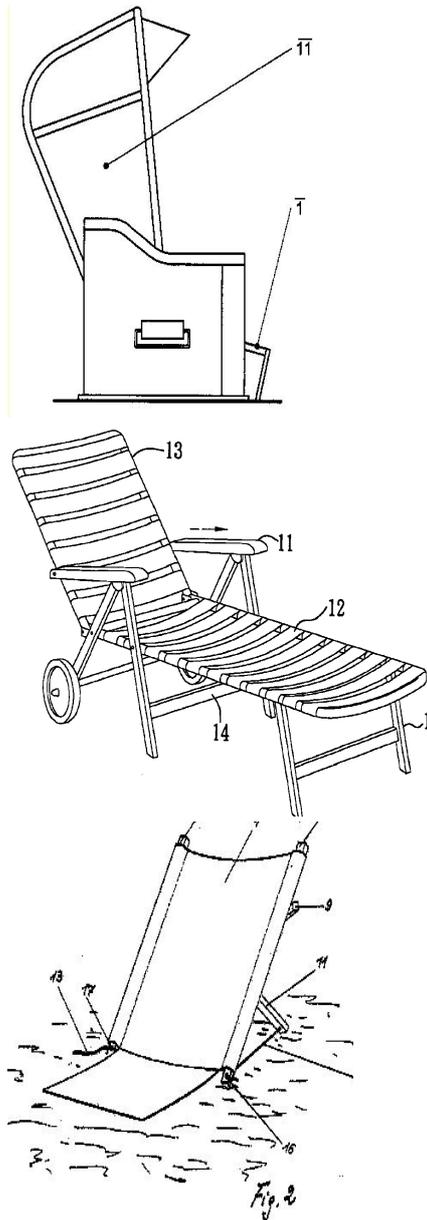
**Beach chairs; [N: Chairs for outdoor use, e.g. chairs for**

relaxation or sun-tanning]

**Definition statement**

*This subclass/group covers:*

Chairs designed for relaxation and outdoor use, e.g. beach chairs, relaxation chairs, sun-tanning chairs or chaise longues.



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**References relevant to classification in this group**

*This subclass/group does not cover:*

Chairs with means to protect against weather	<a href="#">A47C 7/66</a>
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Camp, travelling, or sports stools	<a href="#">A47C 9/10</a>
Stand-alone backrests without connected seat	<a href="#">A47C 16/005</a>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

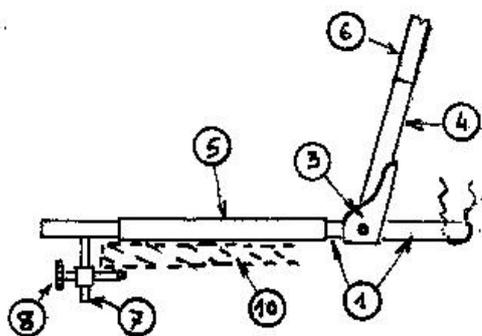
Travelling and camp beds	<a href="#">A47C 17/64</a>
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## A47C 1/16

[N: Chairs or] seats detachably mounted on stadium benches (detachably mounted children's chairs [A47D 1/10](#) )

### Definition statement

This subclass/group covers:



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### References relevant to classification in this group

This subclass/group does not cover:

Theatre, auditorium, or similar chairs	<a href="#">A47C 1/12</a>
Detachable or loose seat cushions	<a href="#">A47C 7/021</a>
Detachably mounted children's chairs	<a href="#">A47D 1/10</a>

## A47C 3/00

**Chairs characterised by structural features; Chairs or stools with rotatable or vertically-adjustable seats ([A47C 1/00](#), [A47C 4/00](#) take precedence)**

### Definition statement

*This subclass/group covers:*

Rocking, stackable, nesting, shell shaped, of asymmetric shape and legless chairs; Chairs or stools with rotatable or vertically-adjustable seats

## A47C 3/02

**Rocking chairs (specially for children [A47D 13/10](#))**

### Definition statement

*This subclass/group covers:*

Rocking chairs having elastic frame, having seat elastically or pivotally mounted in a rigid base frame or having a curved rocking member resting on the floor.

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having elastically movably-coupled adjustable seat and backrest	<a href="#">A47C 1/03261</a>
Chairs with elastically-mounted backrest or backrest-seat-unit in the base frame	<a href="#">A47C 7/44</a>
Children's rocking chairs	<a href="#">A47D 13/10</a>
Rocking horses	<a href="#">A63G 15/00</a>
Devices for rocking or oscillating perambulators	<a href="#">B62B 9/22</a>
Swings in General	<a href="#">A63G 9/00</a>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

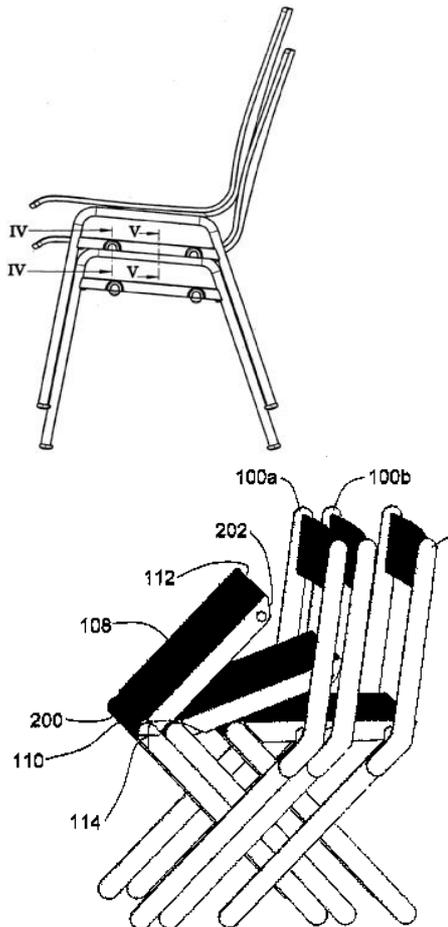
Elastically mounted seats	<a href="#">A47C 7/14</a>
Stools with exercising means	<a href="#">A47C 9/002</a>
Beds with Oscillating or balancing mechanisms	<a href="#">A47C 21/006</a>
Small beds fro newborns or infants with rocking means	<a href="#">A47D 9/02</a>

## A47C 3/04

### Stackable chairs; Nesting chairs

#### Definition statement

This subclass/group covers:



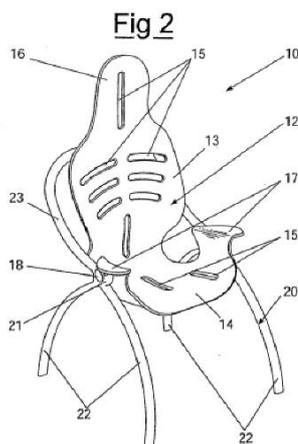
## A47C 3/12

with shell-shaped seat and back-rest unit, e.g. having arm-rests

### Definition statement

*This subclass/group covers:*

Chairs having backrest-seat-unit made of one continuous element, e.g. plastic shell



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### References relevant to classification in this group

*This subclass/group does not cover:*

Shell shaped bus seats	<a href="#">B60N 2/242</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Basket chars	<a href="#">A47C 5/02</a>
Chairs made of plastic	<a href="#">A47C 5/12</a>

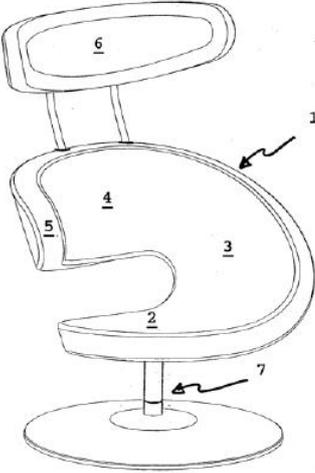
## A47C 3/14

of asymmetrical shape

## Definition statement

*This subclass/group covers:*

Chairs asymmetrical with regard to a central vertical plane.



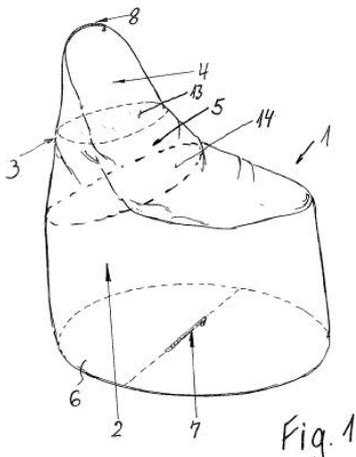
Ex. DE20210397U

## A47C 3/16

of legless type, e.g. with seat directly resting on the floor ([A47C 3/14](#) takes precedence; detachably mounted on stadium benches [A47C 1/16](#); children`s chairs mounted on back-rest of chair [A47D 1/10](#), [N: legless beach chairs [A47C 1/146](#) ; inflatable chairs [A47C 4/54](#)]); Hassocks; Pouffes

## Definition statement

*This subclass/group covers:*



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## References relevant to classification in this group

*This subclass/group does not cover:*

Legless beach chairs	<a href="#">A47C 1/146</a>
Chairs or seats detachable mounted on the stadium benches	<a href="#">A47C 1/16</a>
Inflatable chairs	<a href="#">A47C 4/54</a>
Children's chairs capable of being suspended from tables or adult's chair	<a href="#">A47D 1/10</a>

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Chairs completely made of foam material	<a href="#">A47C 5/125</a>
Stools for specified purposes	<a href="#">A47C 9/00</a>
Bean bags	<a href="#">A47C 27/086</a>

## A47C 3/18

**Chairs or stools with rotatable seat (adjustable in height by rotation [A47C 3/24](#))**

## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs adjustable in height by rotation	<a href="#">A47C 3/24</a>
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## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

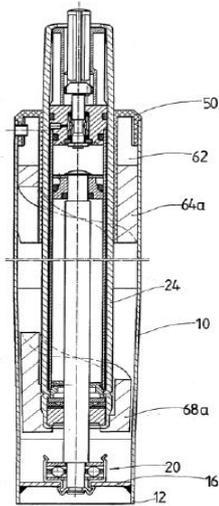
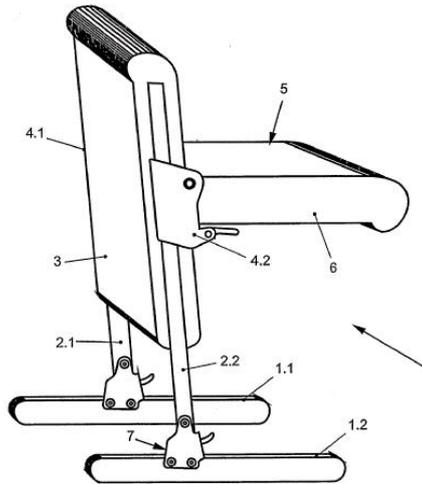
Stools for specified purposes	<a href="#">A47C 9/00</a>
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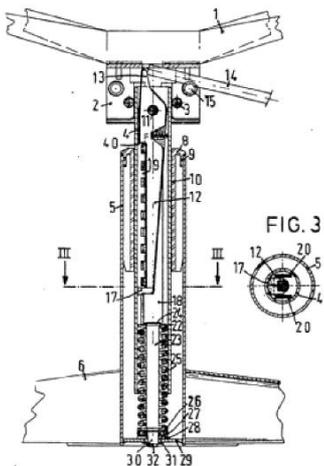
## A47C 3/20

Chairs or stools with vertically-adjustable seats (tables with variable height [A47B 9/00](#); [N: locking of telescopic systems in general [F16B 7/10](#)])

### Definition statement

*This subclass/group covers:*





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### References relevant to classification in this group

*This subclass/group does not cover:*

Table with variable heights	<a href="#">A47B 9/00</a>
Height adjustable children's chars	<a href="#">A47D 1/004</a>
Chairs for disable persons having adjustable height	<a href="#">A61G 5/1059</a>
Locking of telescopic system in general	<a href="#">F16B 7/10</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Stools for specified purposes	<a href="#">A47C 9/00</a>
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### **A47C 4/00**

**Foldable, collapsible or dismountable chairs (of tubular metal type [A47C 5/10](#); children's foldable chairs [A47D 1/02](#) )**

### **A47C 4/02**

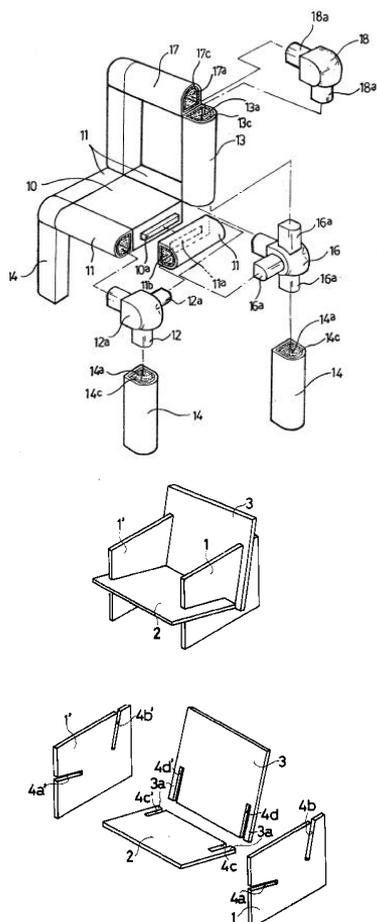
## Dismountable chairs

### Definition statement

*This subclass/group covers:*

Chairs having detachably interconnected joints configured to be dismantled without causing their destruction

Illustrative examples of subject matter classified in this group:



US5429417

### References relevant to classification in this group

*This subclass/group does not cover:*

Modular seating	<a href="#">A47C 13/005</a>
Dismountable Travelling or camp beds	<a href="#">A47C 17/645</a>
Dismountable bedsteads	<a href="#">A47C 19/005</a>
Dismountable children's chairs	<a href="#">A47D 1/006</a>

## Informative references

Attention is drawn to the following places, which may be of interest for search:

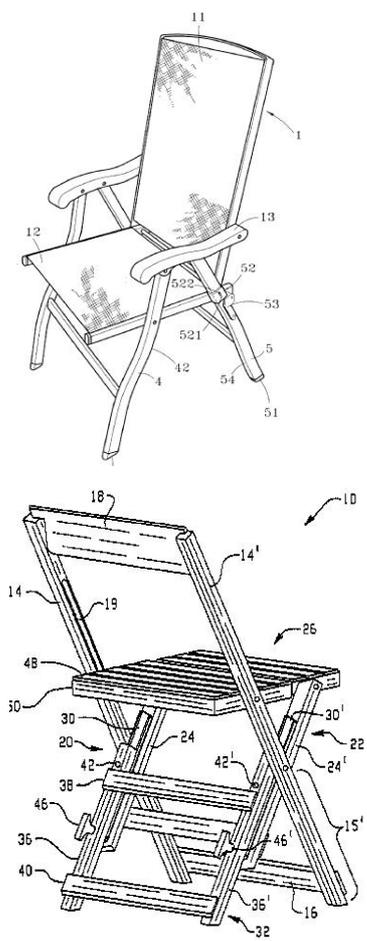
Tubular metal chairs of dismantable type	<a href="#">A47C 5/10</a>
Camp, travelling, or sports stool having several foldable or detachable legs converging in one point	<a href="#">A47C 9/105</a>

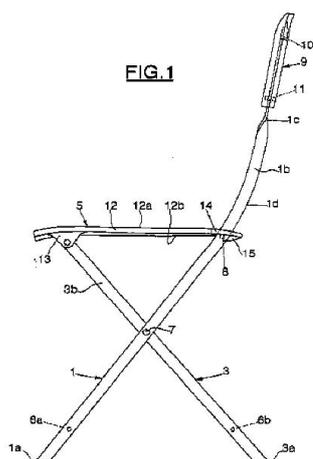
## A47C 4/04

### Folding chairs with inflexible seats

#### Definition statement

This subclass/group covers:





US2003011218 US6361107 DEU29909571

### References relevant to classification in this group

*This subclass/group does not cover:*

Folding chair with flexible coverings for the seat or back	<a href="#">A47C 4/28</a>
Foldable travelling or camp beds	<a href="#">A47C 17/68</a> <a href="#">A47C 17/70</a> <a href="#">A47C 17/74</a>
Folding bedsteads	<a href="#">A47C 19/12</a>
Foldable children's chairs	<a href="#">A47D 1/02</a>
Upholstery attaching means for chairs in general	<a href="#">A47C 31/02</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Chairs collapsible into trunk shape	<a href="#">A47C 4/52</a>
Tubular metal chairs of foldable or collapsible type	<a href="#">A47C 5/10</a>
Camp, travelling, or sports stool having several foldable or detachable legs converging in one point	<a href="#">A47C 9/105</a>

## Special rules of classification within this group

If in the document there is no clear indication about material of the frame, e.g. made of wood, plastic or metal, this document should be classified in both classes [A47C 4/08](#) (made of wood or plastic) and [A47C 4/18](#) (made of metal).

## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

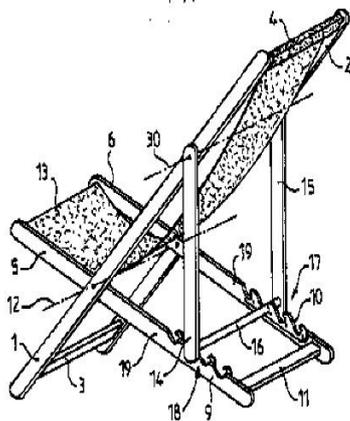
Inflexible seat	rigid seat or seat with flexible fabric stretched in the frame in all stages of folding
Flexible seat	not rigid seat usually with fabric, being unstretched when unfolded

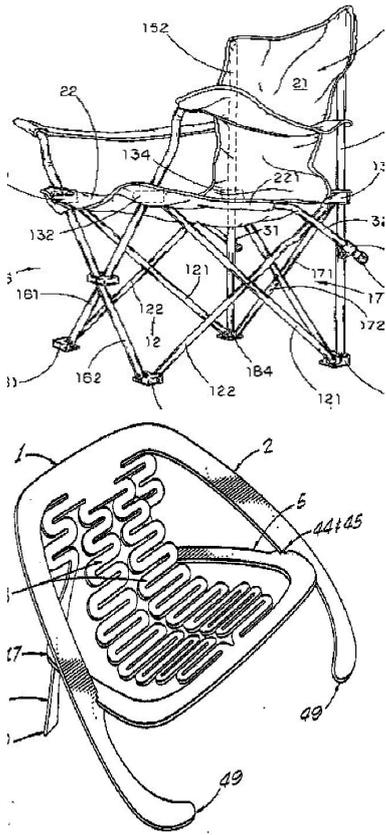
## A47C 4/28

### Folding chairs with flexible coverings for the seat or back elements

#### Definition statement

*This subclass/group covers:*





FR2712158 US2003052518 WO8102383

### References relevant to classification in this group

*This subclass/group does not cover:*

Folding chairs with inflexible seats	<a href="#">A47C 4/04</a>
Inflatable chairs	<a href="#">A47C 4/54</a>
Foldable travelling or camp beds	<a href="#">A47C 17/68</a> <a href="#">A47C 17/70</a> <a href="#">A47C 17/74</a>
Folding bedsteads	<a href="#">A47C 19/12</a>
Foldable children's chairs	<a href="#">A47D 1/02</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Chairs collapsible into trunk shape	<a href="#">A47C 4/52</a>
Tubular metal chairs of foldable or	<a href="#">A47C 5/10</a>

collapsible type	
Camp, travelling, or sports stool having several foldable or detachable legs converging in one point	<a href="#">A47C 9/105</a>

### Special rules of classification within this group

If in the document there is no clear indication about material of the frame, e.g. made of wood, plastic or metal, this document should be classified in both classes [A47C 4/32](#) (made of wood or plastic) and [A47C 4/42](#) (made of metal).

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Inflexible seat	seat doesn't fold when folding the chair e.g. seats with flexible not foldable fabric stretched in the seat frame in all stages of folding
Flexible seat	seat folds when folding the chair, e.g. seats with flexible foldable fabric

### A47C 4/52

Trunk chairs, i.e. chairs collapsible to [N: self contained carrying case, e.g.] trunk shape (trunk tables [A47B 3/10](#))

### References relevant to classification in this group

*This subclass/group does not cover:*

Luggage or hand carried bags convertible into other articles or into objects for other use e.g. supplementary seats	<a href="#">A45C 9/00</a>
Trunk beds; Travelling-case beds	<a href="#">A47C 17/82</a>
Trunk tables	<a href="#">A47B 3/10</a>

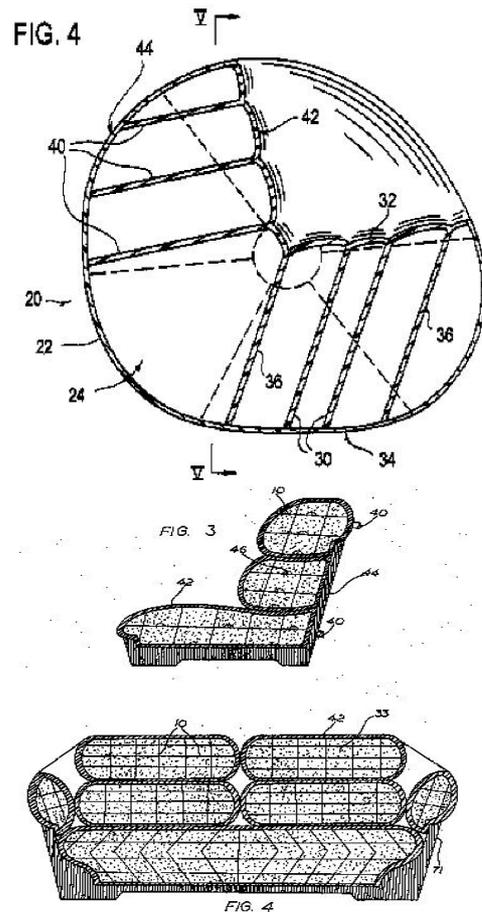
## A47C 4/54

inflatable chairs (connection of valves to inflatable elastic bodies [B60C 29/00](#))

### Definition statement

*This subclass/group covers:*

Seating furniture having inflatable means



WO0074533 US4932721

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with adjustable inclination by fluid means	<a href="#">A47C 1/0244</a> <a href="#">A47C 1/03216</a>
Fluid mattresses specially adapted for chairs, beds or sofas	<a href="#">A47C 27/08</a>

Inflatable pillows	<a href="#">A47G 9/1027</a>
Connection of valves to inflatable elastic bodies	<a href="#">B60C 29/00</a>
Vehicle seats with hydro-pneumatic adjustments of the shape	<a href="#">B60N 2/4415</a> <a href="#">B60N 2/7082</a>
Bed covers, counterpanes, travelling rugs or sleeping rugs with inflatable means	<a href="#">A47G 2009/003</a>

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Detachable or loose seat cushions	<a href="#">A47C 7/021</a>
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### **A47C 5/00**

#### **Chairs of special materials**

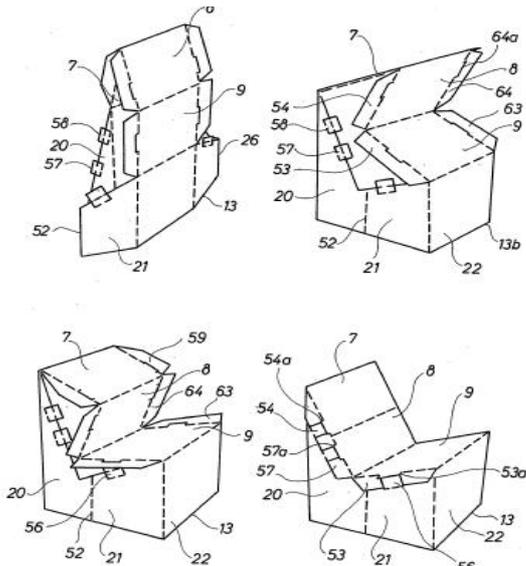
### **A47C 5/005**

**[N: of paper, cardboard or similar pliable materials]**

### **Definition statement**

*This subclass/group covers:*

Chairs of 2-dimensional pliable materials, e.g. paper, cardboard or plastic sheet materials



WO2004032685

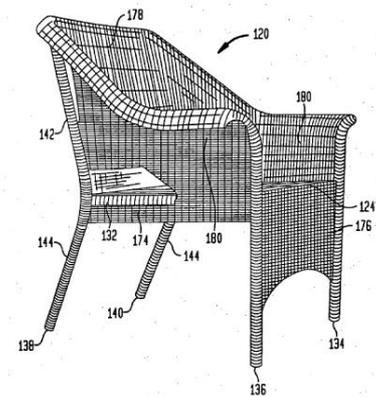
## A47C 5/02

[N: of woven material, e.g.] basket chairs

### Definition statement

*This subclass/group covers:*

*Chairs made of woven material, e.g. basket chairs.*



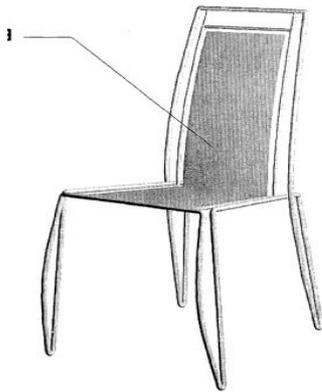
US2006225399

## A47C 5/04

Metal chairs, e.g. tubular (of rocking type [A47C 3/023](#); of non-tubular folding, collapsible, or dismountable type [A47C 4/00](#))

### Definition statement

*This subclass/group covers:*



DE19950872

### **References relevant to classification in this group**

*This subclass/group does not cover:*

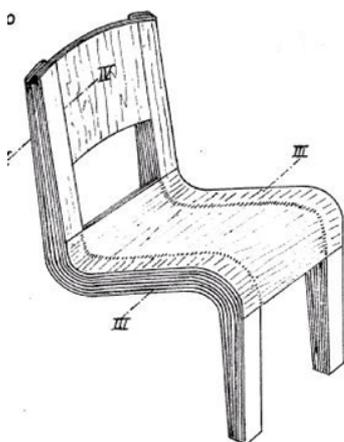
Tubular chairs of rocking type	<a href="#">A47C 3/023</a>
Foldable chairs with inflexible seat having a frame made of metal	<a href="#">A47C 4/18</a>
Foldable chairs with flexible coverings for the seat or backrest having a frame made of metal	<a href="#">A47C 4/42</a>

### **A47C 5/14**

**characterised by the use of laminated wood**

### **Definition statement**

*This subclass/group covers:*



DE867740

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Seats made of wooden, plastics, or metal sheet material, Panel seats	<a href="#">A47C 7/16</a>
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### A47C 7/00

Parts, details, or accessories of chairs or stools (attaching to floor [A47B 91/08](#) )

### References relevant to classification in this subclass/group

*This subclass/group does not cover:*

*This subclass/group does not cover:*

Seats adapted for angling, e.g. fisherman's seats	<a href="#">A01K 97/22</a>
Hunting stands, e.g. hunting seats	<a href="#">A01M 31/02</a>
Bath seats	<a href="#">A47K 3/12</a>
Shower seats	<a href="#">A47K 3/282</a>
Chairs with toilet means	<a href="#">A47K 11/04</a>
Seats for surgeons or dentists	<a href="#">A61B 19/28</a>
Chairs for disable persons	<a href="#">A61G 5/00</a>

Operating chairs, dental chairs, physiotherapeutic chairs, gynaecological chairs	<a href="#">A61G 15/00</a>
Chairs with massage means	<b>A61H1/2201/0149</b>
Seats specially adapted for vehicles	<a href="#">B60N 2/00</a>
Ski-lift seats	<a href="#">B61B 12/002</a>
Rail vehicles seats	<a href="#">B61D 33/00</a>
Vessel furniture, e.g. boat seats	<a href="#">B63B 29/04</a>
Aircraft seats	<a href="#">B64D 11/06</a>
Exercising apparatus combined with chairs	<a href="#">A63B 21/16</a>

## **A47C 7/002**

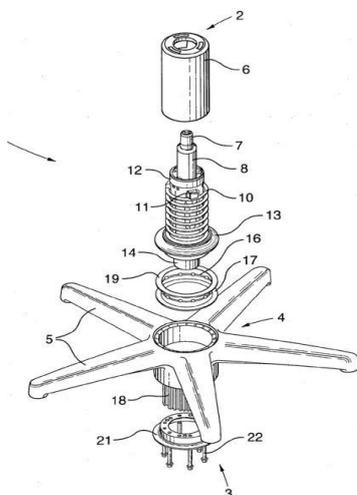
[N: Chair or stool bases ([A47C 3/20](#) takes precedence)]

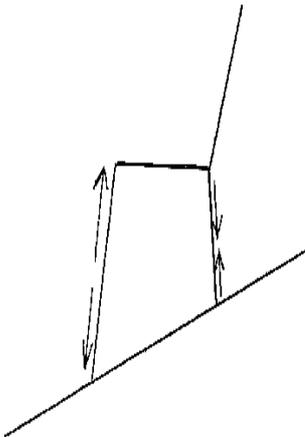
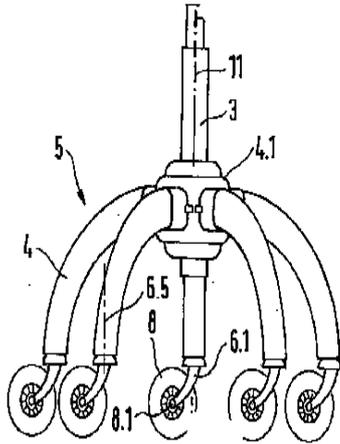
### **Definition statement**

*This subclass/group covers:*

Chairs or stools substructures at the ground level, e.g. legs, castors, pedestals.

Illustrative examples of subject matter classified in this group:





### References relevant to classification in this group

*This subclass/group does not cover:*

Feet for furniture in general	<a href="#">A47B 91/00</a>
Reclining chairs by changing the length or inclination of the legs	<a href="#">A47C 1/029</a>
Chairs or stools with vertically-adjustable seats	<a href="#">A47C 3/20</a>
Bedsteads' legs	<a href="#">A47C 19/024</a>
Castors in general	<a href="#">B60B 33/00</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Chairs or stools with additional seat or legs of the chair or stool for varying height of seat	<a href="#">A47C 3/38</a>
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## A47C 7/02

**Seat parts (adaptation of seats to mounting in tubular chairs [A47C 5/06](#); such parts not restricted to chairs [A47C 23/00](#); removable upholstered units or cushions [A47C 27/00](#))**

### Definition statement

*This subclass/group covers:*

Specific features related to the chair or stool seats, e.g. seat cushions, profiled seats, double seats, seats with adjustable shape, elastically mounted seats, panel seats, seats with foam material, upholstered seats, seats with springs.

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having horizontally-adjustable seats	<a href="#">A47C 1/023</a>
Seats detachable mounted on the stadium benches	<a href="#">A47C 1/16</a>
Legless chairs with seat directly resting on the floor	<a href="#">A47C 3/16</a>
Adaptation of seats to mounting in tubular chairs	<a href="#">A47C 5/06</a>
Seat parts not restricted to chairs	<a href="#">A47C 23/00</a>
Removable upholstered units or cushions	<a href="#">A47C 27/00</a>
Measuring means for adapting chairs to the shape or weight of persons	<a href="#">A47C 31/126</a>
Producing upholstery articles, e.g. cushions, seats	<a href="#">B29D 99/0092</a>
Upholstery in general	<a href="#">B68G</a>

Testing of furniture, e.g. seats or mattresses	<a href="#">G01M 99/001</a>
Production of mattresses or cushions by moulding	<b>L29C531/00</b>
Production of seats by moulding	<b>L29C583/00</b>
Production of upholstery by moulding	<b>L29C601/00</b>
Seat cushions specially adapted for wheelchairs	<a href="#">A61G 2005/1045</a>

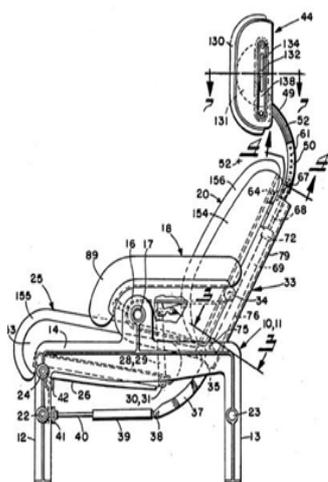
## **A47C 7/38**

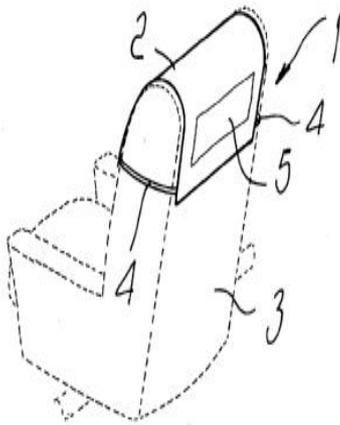
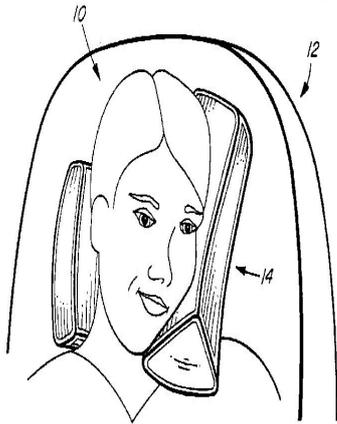
for the head [N: (adjustable coupled to reclining or easy chairs [A47C 1/036](#); for operating or dental chairs [A61G 15/00](#); for car seats [B60N 2/48](#))]

### **Definition statement**

*This subclass/group covers:*

Headrests connected to non-movable parts of the chair; Detachable or loose headrests





EP0164267 US6122784 DE20006038U

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having head-rest coupled simultaneously movable with other movable parts of the chair, e.g. backrest or seat	<a href="#">A47C 1/036</a>
Pillows	<a href="#">A47G 9/10</a>
Head rest for operating or dental chairs	<a href="#">A61G 15/125</a>
Head-rests for vehicle seats	<a href="#">B60N 2/48</a>
Head-rests for disable persons chairs	<a href="#">A61G 2005/121</a>

## Informative references

Attention is drawn to the following places, which may be of interest for search:

Beauty salon chairs with head-rests	<a href="#">A47C 1/10</a>
-------------------------------------	---------------------------

## A47C 7/40

for the back

### Definition statement

*This subclass/group covers:*

Chairs having adjustable in height backrest, double backrests, collapsible backrest, detachable or loos backrests.

### References relevant to classification in this group

*This subclass/group does not cover:*

Detachable or loose back supports associated with beds	<a href="#">A47C 20/027</a>
Back cushions specially adapted for wheel chairs	<a href="#">A61G 2005/1048</a>

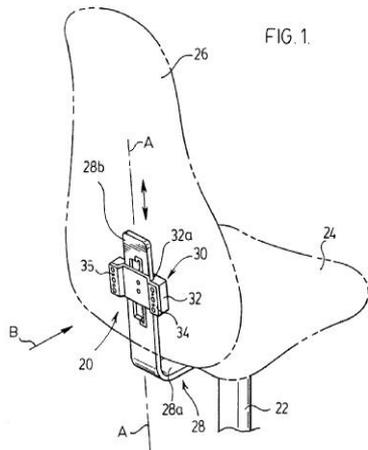
## A47C 7/402

[N: adjustable in height]

### Definition statement

*This subclass/group covers:*

*Chairs with height adjustable backrest*



US6540296

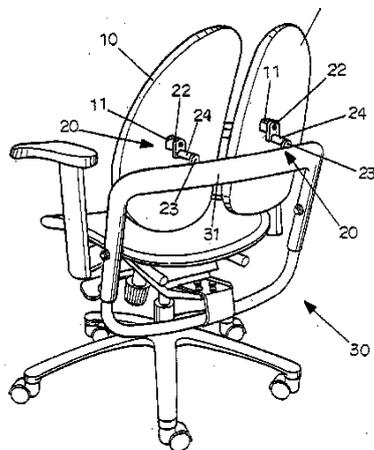
## A47C 7/405

[N:with double backrests]

### Definition statement

*This subclass/group covers:*

*Chairs with double or split backrest*



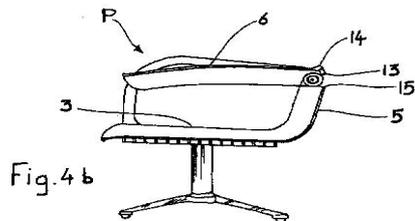
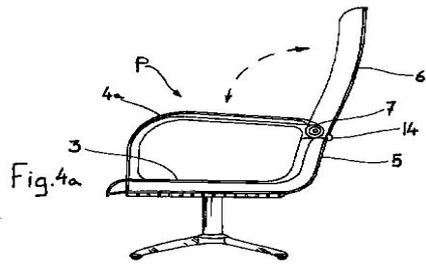
## A47C 7/407

[N: of collapsible type]

### Definition statement

*This subclass/group covers:*

*Chairs with collapsible backrest*



EP1053702

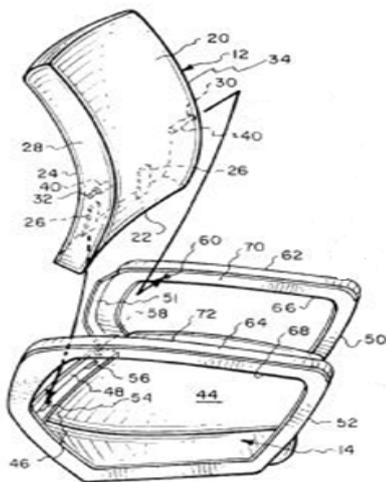
## A47C 7/42

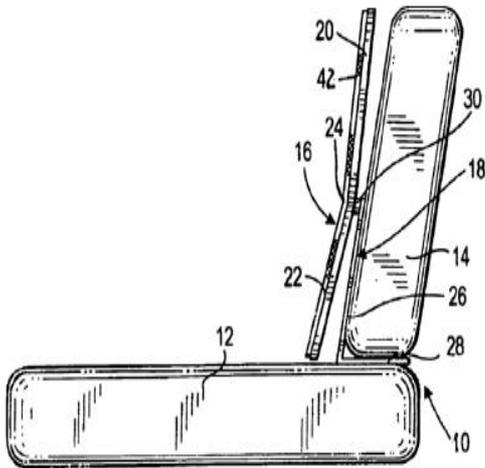
of detachable [N: or loose] type [N: (detachable or loose back supports associated with beds [A47C 20/027](#))]

### Definition statement

*This subclass/group covers:*

Chairs having detachable or loose backrest, e.g. portable





US6422654 US6959964

### References relevant to classification in this group

*This subclass/group does not cover:*

Detachable or loose back supports associated with beds	<a href="#">A47C 20/027</a>
Backrest for disabled persons chairs	<a href="#">A61G 2005/122</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Dismountable chairs	<a href="#">A47C 4/02</a>
Modular seating	<a href="#">A47C 13/005</a>
Seating furniture convertible to beds by removing parts only	<a href="#">A47C 17/14</a>

## A47C 7/44

**with elastically-mounted [N: back-rest or backrest-seat unit in the base] frame**

### Definition statement

*This subclass/group covers:*

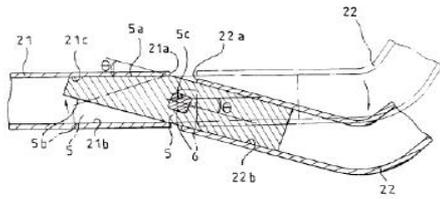
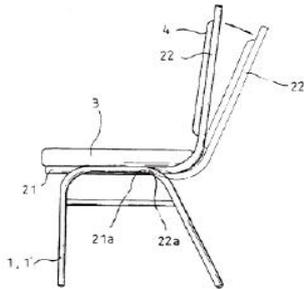


FIG. 8



US5902012

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having movable-coupled seat and backrest characterised by elastic means	<a href="#">A47C 1/03261</a>
Rocking chairs having elastic frames	<a href="#">A47C 3/021</a>
Rocking chairs with seat, or with seat and back-rest unit, elastically mounted in a ridged frame	<a href="#">A47C 3/025</a>

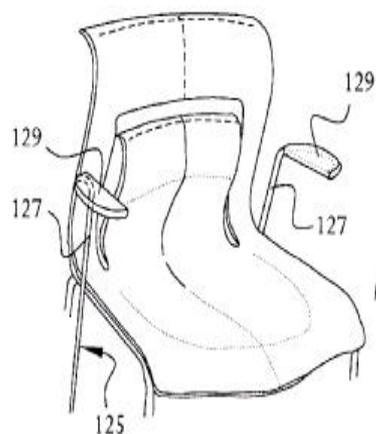
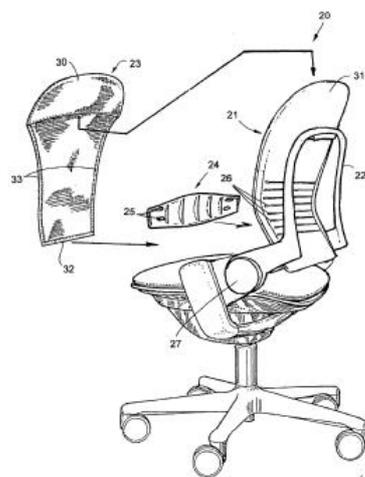
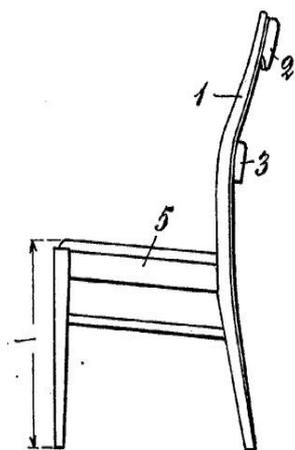
### A47C 7/46

**with special, e.g. adjustable, [N: lumbar region support] profile; "Ackerblom" profile chairs**

### Definition statement

*This subclass/group covers:*

Chairs with lower back supports, e.g. adjustable lumbar support



GB640336 US5997094 DE19930922

**References relevant to classification in this group**

*This subclass/group does not cover:*

Vehicle seat lumbar support	<a href="#">B60N 2/66</a>
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## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

"Akerblom" chair	chair having special backrest profile corresponding to the curvature of the human beck (see GB640336A patented by Bengt Akerblom)
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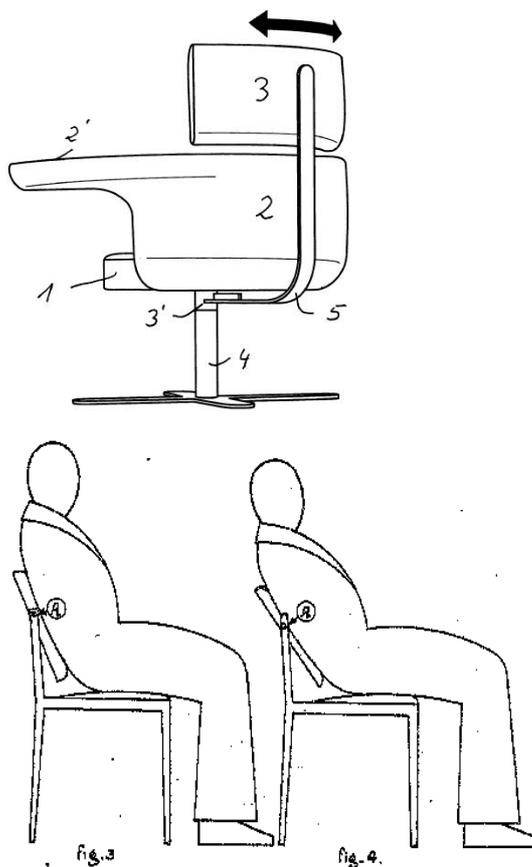
## A47C 7/48

of freely-rotatable type

### Definition statement

*This subclass/group covers:*

Chairs having freely-rotatable and non-lockable backrest



DE202004016253U FR789053

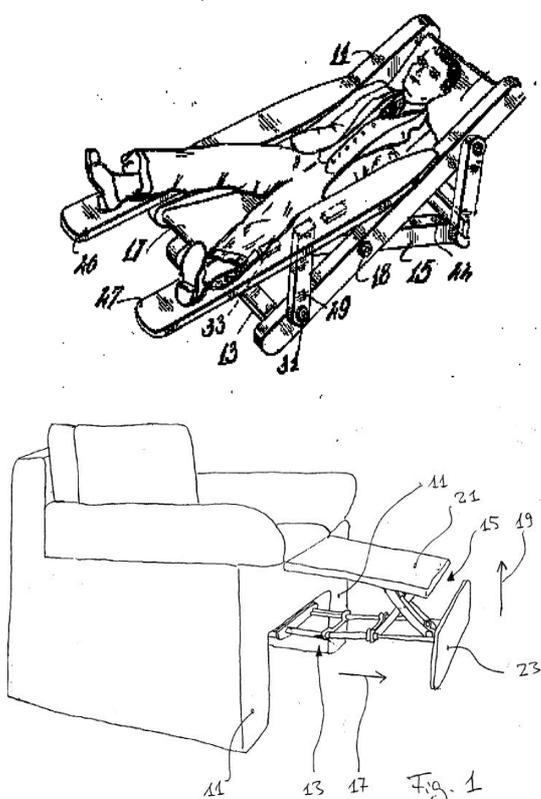
## A47C 7/50

Supports for the feet or the legs [N: coupled to fixed parts of the chair] (coupled to other adjustable parts [N: of the chair] [A47C 1/034](#), [A47C 1/037](#); [N: stand-alone rests or supports for the feet or the legs, e.g.] footstools [A47C 16/02](#))

### Definition statement

*This subclass/group covers:*

Seating furniture having supports for the feet or the legs coupled to non-movable parts of the chair; Seating furniture with double foot-rests or leg-rests



DE20116145U

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having leg-rest or foot-rest coupled simultaneously movable with other parts of the chair, e.g. backrest or seat.	<a href="#">A47C 1/034</a>
Chairs having adjustable leg-rest or foot-rest simultaneously movable with	<a href="#">A47C 1/037</a>

head-rest	
Stand-alone footrests or leg-rest	<a href="#">A47C 16/02</a>
Detachable or loose foot or leg supports for beds	<a href="#">A47C 20/021</a>
Lower-leg-rests for vehicles, e.g. calf-rests	<a href="#">B60N 2/4495</a>
Foot-rests for vehicle seats	<a href="#">B60N 3/06</a>
Leg-rests or foot-rests for disable persons chairs	<a href="#">A61G 2005/127</a> <a href="#">A61G 2005/128</a>

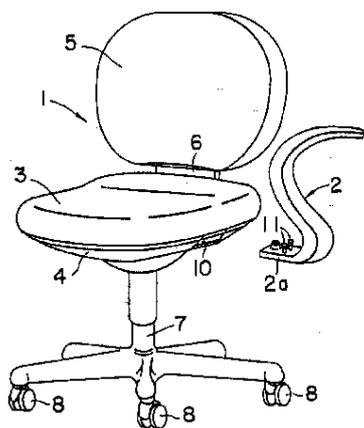
## A47C 7/54

### Support for the arms

#### Definition statement

*This subclass/group covers:*

Chairs having non-adjustable support armrests, e.g. movable to inoperative position or of detachable type.



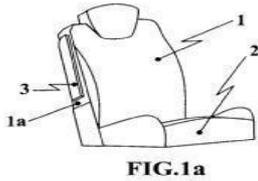


FIG.1a

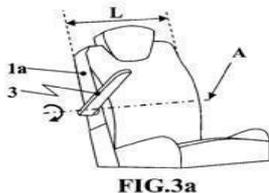


FIG.3a

FR2883526

### References relevant to classification in this group

*This subclass/group does not cover:*

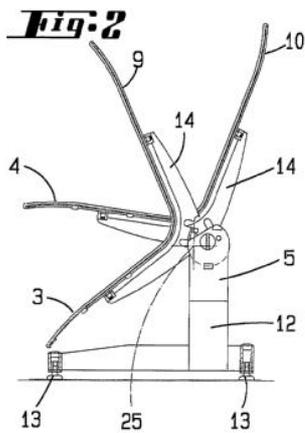
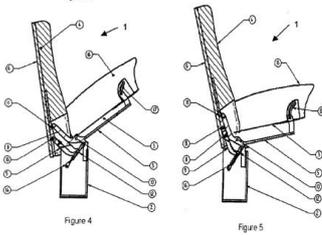
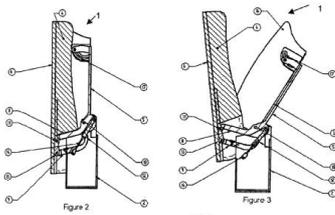
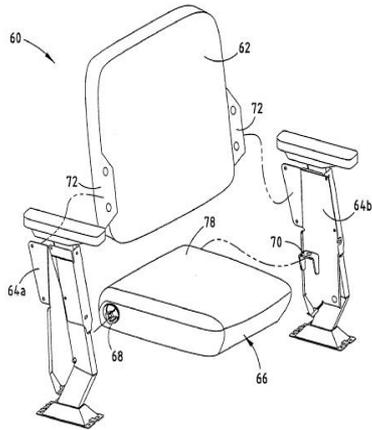
Chairs with adjustable armrests adaptable to suitable arm position or to the size of the user	<a href="#">A47C 1/03</a>
Chairs with armrest tables	<a href="#">A47C 7/68</a>
Sofas convertible to bed by tilting or extending the armrests	<a href="#">A47C 17/12</a>
Sofa convertible to bed by tilting or pivoting a backrest with tilting or pivoting the armrest	<a href="#">A47C 17/18</a>
Detachable or loose foot or leg supports for beds	<a href="#">A47C 20/021</a>
Armrest for vehicles seats	<a href="#">B60N 2/46</a>
Armrest for disable persons chairs	<a href="#">A61G 2005/125</a>

### A47C 7/56

**Parts or details of tipping-up chairs, e.g. of theatre chairs**

### Definition statement

*This subclass/group covers:*



WO0219869 EP1714582 DE29514742U

**References relevant to classification in this group**

*This subclass/group does not cover:*

Coin-free apparatus for seats or footstools	<a href="#">G07F 17/08</a>
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## Informative references

Attention is drawn to the following places, which may be of interest for search:

Theatre, auditorium, or similar chairs	<a href="#">A47C 1/12</a>
Theatre, auditorium, or similar chairs having tipping-up seats	<a href="#">A47C 1/121</a>
Separate chairs, connectable together into a row	<a href="#">A47C 1/124</a>
Stackable chairs or nesting chairs with tipping-up seats	<a href="#">A47C 3/045</a>

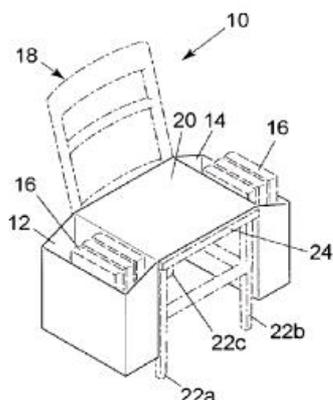
## A47C 7/62

### Accessories for chairs

#### Definition statement

*This subclass/group covers:*

Accessories for chairs, e.g. hat or coat holders, means for protecting against weather, arm-rest tables, illumination, radios, bars, telephones, ventilation, heating, cooling.



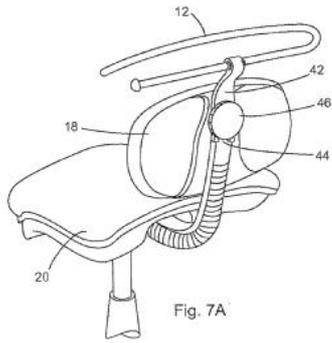
US2003042768

## A47C 7/64

### Hat or coat holders

#### Definition statement

*This subclass/group covers:*



WO2006018321

### References relevant to classification in this group

*This subclass/group does not cover:*

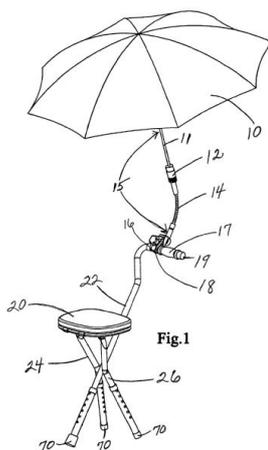
Domestic Hat or coat Holders	<a href="#">A47G 25/00</a>
Hats, clothes or clothes hangers used in vehicles	<a href="#">B60R 7/10</a>

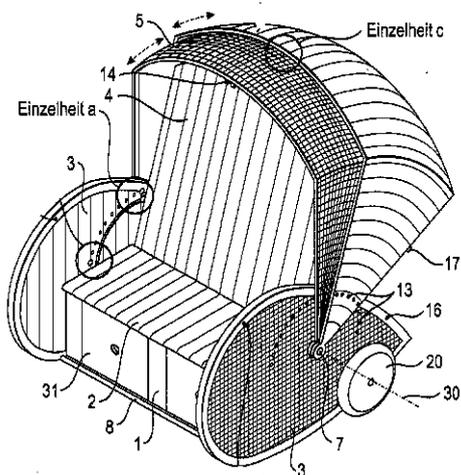
### A47C 7/66

Means to protect against weather

### Definition statement

*This subclass/group covers:*





US6899388 DE202006019292U

### References relevant to classification in this group

*This subclass/group does not cover:*

Bathing or beach cabins	<a href="#">E04H 15/003</a>
Liquid impermeable removable or loose chair covers	<a href="#">A47C 31/113</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Beach chairs	<a href="#">A47C 1/12</a>
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## A47C 7/68

Arm-rest tables ; [N: or back-rest tables (suspended or hinged panels forming a table [A47B 5/00](#)); Cup holders]

### Definition statement

*This subclass/group covers:*

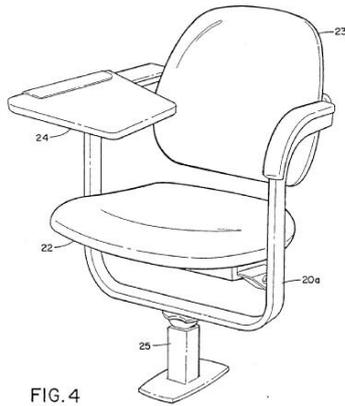
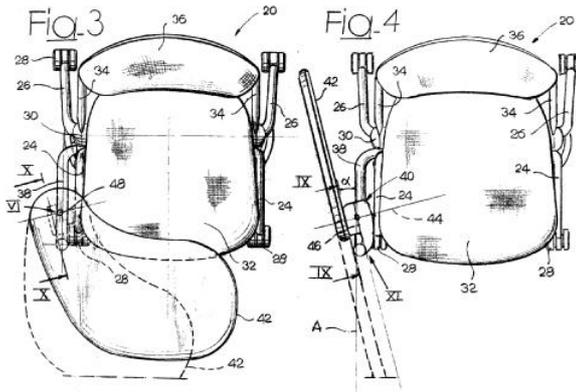


FIG. 4



US4861108 EP1266596

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with adjustable armrests	<a href="#">A47C 1/03</a>
Non-adjustable support armrests, e.g. movable to inoperative position or of detachable type.	<a href="#">A47C 7/54</a>
Suspended or hinged panels forming a table in general	<a href="#">A47B 5/00</a>
Bed tables	<a href="#">A47B 23/00</a>
Tables combined with seats	<a href="#">A47B 83/02</a>
Children's chairs with trays	<a href="#">A47D 1/008</a>
Tables or trays for use in vehicles	<a href="#">B60N 3/001</a>
Tables, working plates, trays for	<a href="#">A61G 2005/1094</a>

disable persons chairs	
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### Informative references

Attention is drawn to the following places, which may be of interest for search:

Stackable and nesting chairs	<a href="#">A47C 3/04</a>
------------------------------	---------------------------

## A47C 7/72

### Adaptations for incorporating lamps, radio sets, bars, telephones, ventilation, heating or cooling arrangements or the like

#### Definition statement

*This subclass/group covers:*

Chairs having accessories, e.g. lamps, radio, bars, telephones, display screens, ventilation, heating or cooling arrangements or the like

#### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with lumbar support adjustable by fluid means	<a href="#">A47C 7/467</a>
Beds with lighting, radio or telephone means	<b>A74C21/00B</b>
Beds with ventilating, cooling or heating devices	<a href="#">A47C 21/04</a>
Pillows with cooling or heating means	<a href="#">A47G 9/1036</a>
Heating or cooling appliances for medical or therapeutic treatment of the human body	<a href="#">A61F 7/00</a>
Heating or ventilating devices for vehicle seats	<a href="#">B60N 2/56</a>
Accessories for vehicle, e.g. for vehicle seats such as radio sets,	<a href="#">B60R 11/02</a>

television sets, telephones	
Combination of lightening devices with furniture	<a href="#">F21V 33/0012</a>

## A47C 9/00

**Stools for specified purposes (with rotatable seats [A47C 3/18](#); with vertically adjustable seats [A47C 3/20](#); foot stools [A47C 16/02](#); prayer stools [A47C 16/04](#); platforms or seat-boxes specially adapted for angling [A01K 97/22](#)) [N: other seating furniture for specified purposes [A47C 15/004](#)]**

### Definition statement:

*This subclass/group covers:*

Stools for specified purposes not provided in other part of the classification.

### References relevant to classification in this group

*This subclass/group does not cover:*

Seats, e.g. seat-boxes adapted for angling	<a href="#">A01K 97/22</a>
Chairs of legless type; Hassocks, Pouffes	<a href="#">A47C 3/16</a>
Stools with rotatable seats	<a href="#">A47C 3/18</a>
Stools with vertically adjustable seats	<a href="#">A47C 3/20</a>
Stool bases	<a href="#">A47C 7/002</a>
Footstools	<a href="#">A47C 16/02</a>
Prayer stools	<a href="#">A47C 16/04</a>
Other seating furniture for specific purpose	<a href="#">A47C 15/004</a>

## A47C 9/002

[N: with exercising means or having special therapeutic or ergonomic effects]

**Definition statement**

*This subclass/group covers:*

Domestic or office stools having therapeutic or ergonomic effect, e.g. using dynamic seat support,

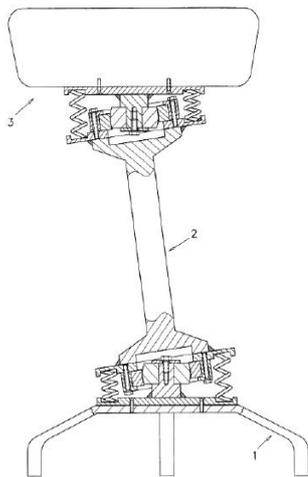
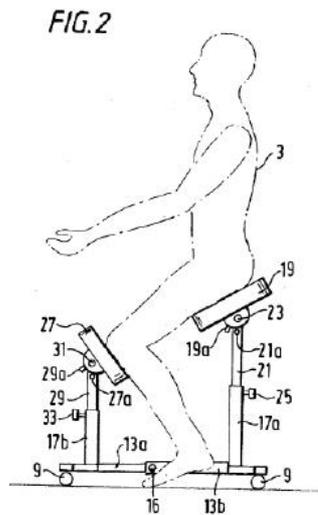


FIG. 2



NL1017456C GB2348124

**References relevant to classification in this group**

*This subclass/group does not cover:*

Rocking chairs	<a href="#">A47C 3/02</a>
Chairs' seats especially profiled and adapted to the body contour	<a href="#">A47C 7/022</a>

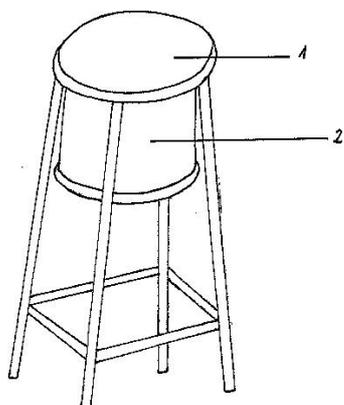
Chairs' seats of adjustable shape; elastically mounted	<a href="#">A47C 7/14</a>
Exercising apparatus combined with chairs	<a href="#">A63B 21/16</a>

## A47C 9/007

[N: High stools, e.g. bar stools (children`s high chairs [A47D 1/00](#))]

### Definition statement

*This subclass/group covers:*



DE9400912U

### References relevant to classification in this group

*This subclass/group does not cover:*

Children's chairs, e.g. height chairs	<a href="#">A47D 1/00</a>
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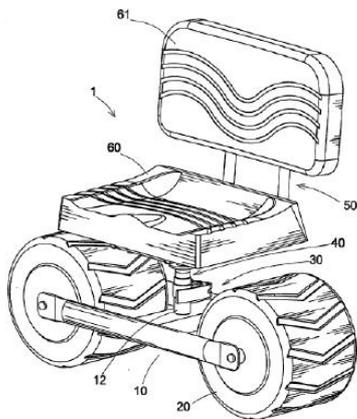
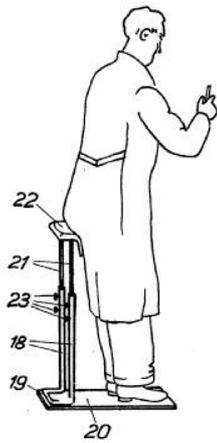
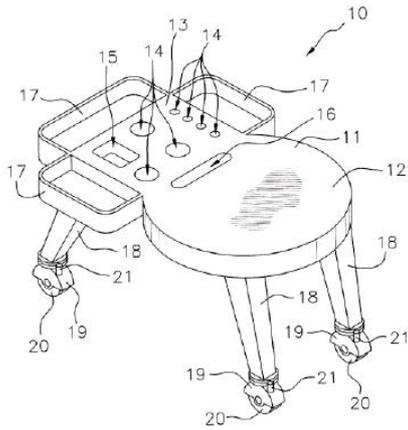
## A47C 9/02

Office stools [N: not provided for in main groups [A47C 1/00](#), [A47C 3/00](#) or [A47C 7/00](#)]; Workshop stools

### Definition statement

*This subclass/group covers:*

Stools used in offices or while working



US6520609 CH362190 US2003080524

**References relevant to classification in this group**

*This subclass/group does not cover:*

Beauty salon chair with auxiliary seat	<a href="#">A47C 1/08</a>
Chairs characterised by structural features, chairs or stools with rotatable or vertically-adjustable seats	<a href="#">A47C 3/00</a>

Parts, details or accessories of chairs or stools	<a href="#">A47C 7/00</a>
Kneeling stools; kneeling supports	<a href="#">A47C 16/04</a>
Carriers for supporting persons when working in the field	<a href="#">A01B 75/00</a>
Workshop workers' supports, e.g. mechanics' creepers	<a href="#">B25H 5/00</a>

## A47C 9/04

### Milking stools

#### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group:



US2100877

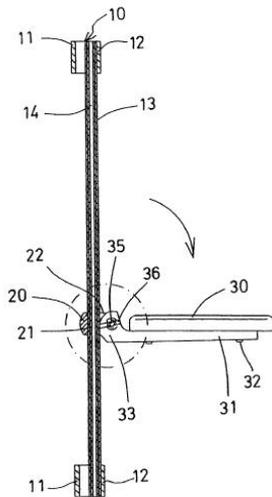
## A47C 9/06

### Wall stools; [N: Stools hingedly mounted against the wall]

#### Definition statement

*This subclass/group covers:*

Stools and chairs mounted to the wall



GB2419084

### References relevant to classification in this group

*This subclass/group does not cover:*

Wall beds	<a href="#">A47C 17/38</a>
Shower seats	<b>A74K3/28B1</b>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Chairs with tipping-up seats	<a href="#">A47C 1/121</a> <a href="#">A47C 7/58</a>
Chairs stowable in floor or wall	<a href="#">A47C 1/126</a>

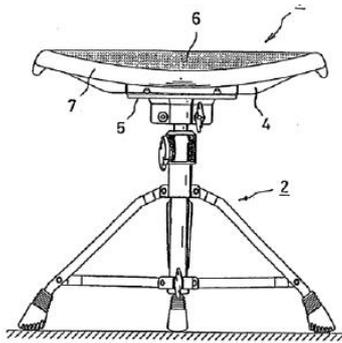
## A47C 9/08

### Music stools

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group:



US2004145221

## A47C 9/10

**Camp, travelling, or sports stools (walking sticks or umbrellas convertible into seats, hunting sticks [A45B 5/00](#) )**

### Definition statement

*This subclass/group covers:*

Stools used for camping, travelling or sport

### References relevant to classification in this group

*This subclass/group does not cover:*

*This group does not cover*

Hunting stands, e.g. hunting seats	<a href="#">A01M 31/02</a>
Seats, e.g. seat-boxes adapted for angling	<a href="#">A01K 97/22</a>
Walking sticks or umbrellas convertible into seats	<a href="#">A45B 5/00</a>
Hanging seats for travelling or camping	<a href="#">A45F 3/26</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Foldable, collapsible or dismountable chairs	<a href="#">A47C 4/00</a>
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Chairs or stools bases for uneven surface	<a href="#">A47C 7/008</a>
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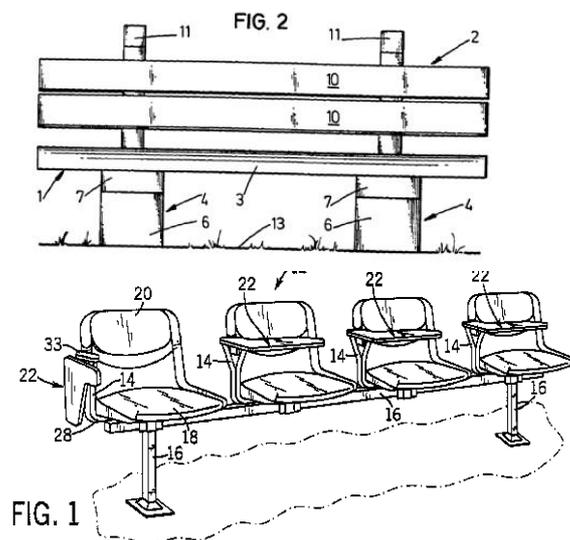
## A47C 11/00

Benches not otherwise provided for (school forms [A47B 39/00](#))

### Definition statement

*This subclass/group covers:*

Benches e.g. church benches or benches having multiple separate seats fixed to the bench frame



BE892829

### References relevant to classification in this group

*This subclass/group does not cover:*

Theatre, auditorium or similar chairs	<a href="#">A47C 1/12</a>
Separate chairs, connectable together into a row	<a href="#">A47C 1/124</a>
School forms	<a href="#">A47B 39/00</a>

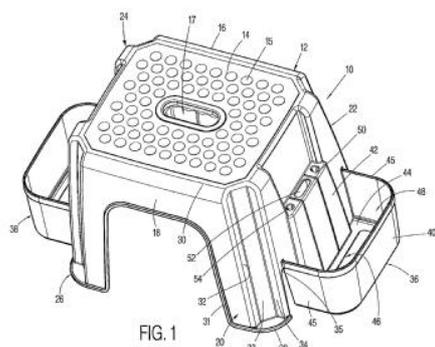
## A47C 12/00

### Step-stools

#### Definition statement

*This subclass/group covers:*

Low stool having steps, e.g. convertible into a short stepladder



DE29606175U

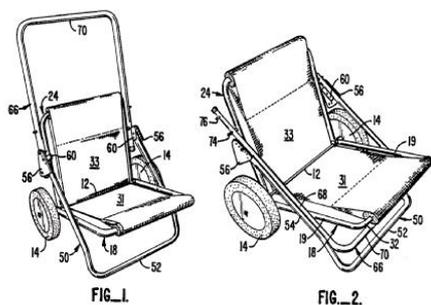
## A47C 13/00

**Convertible chairs, stools, or benches (step-stools requiring conversion between the step and seat functions [A47C 12/02](#); stretchers, for patients or disabled persons, convertible into chairs [A61G 1/017](#))**

#### Definition statement

*This subclass/group covers:*

Seating furniture convertible to different seating arrangement not provide for in other part of the classification (see list below)



US4733905

#### References relevant to classification in this group

*This subclass/group does not cover:*

Walking sticks or umbrellas convertible into seats	<a href="#">A45B 5/00</a>
Luggage or hand carried bags convertible into other articles or into objects for other use e.g. supplementary seats	<a href="#">A45C 9/00</a>
Tables convertible into chairs	<a href="#">A47B 85/04</a>
Step-stool requiring conversion between the step and seat function	<a href="#">A47C 12/02</a>
Seating furniture, couches, settees convertible into beds	<a href="#">A47C 17/04</a>
Children's chairs convertible from high chair to a low one by reversing	<a href="#">A47D 1/04</a>
Children's chairs convertible to push chairs	<a href="#">A47D 1/06</a>
Children's chairs convertible to a rocking chair	<a href="#">A47D 1/08</a>
Children's chairs convertible into tables	<a href="#">A47D 11/002</a>
Chairs convertible into children's chairs	<a href="#">A47D 11/02</a>
Stretchers convertible into chairs	<a href="#">A61G 1/017</a>
Medical beds convertible into a chair	<a href="#">A61G 7/16</a>

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Modular seating	<a href="#">A47C 13/005</a>
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## A47C 15/00

Other seating furniture (school forms [A47B 39/00](#) )

### Definition statement

*This subclass/group covers:*

Seating furniture not provide for in other part of the classification, e.g. corner seating furniture, floating seats, seats for sexual intercourse.

### References relevant to classification in this group

*This subclass/group does not cover:*

*This subclass/group does not cover:*

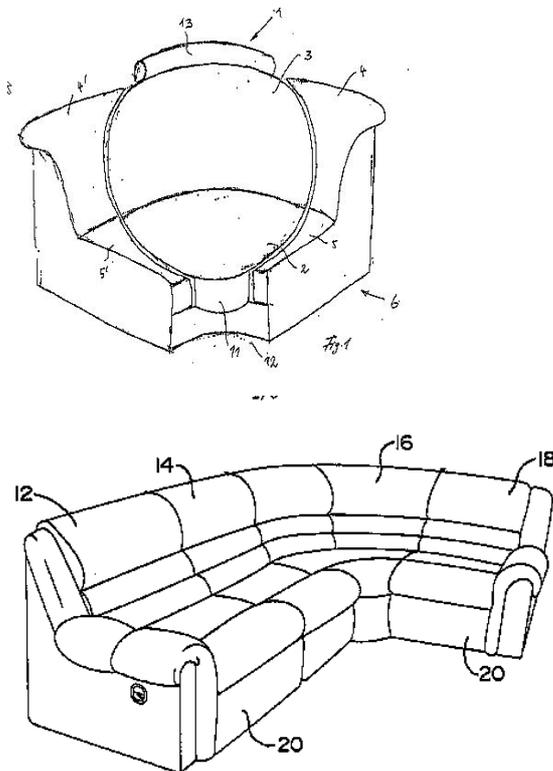
School forms	<a href="#">A47B 39/00</a>
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## A47C 15/002

[N: Corner seating furniture, e.g. corner sofas (changing corner couches into a double bed [A47C 17/36](#))]

### Definition statement

*This subclass/group covers:*



## References relevant to classification in this group

*This subclass/group does not cover:*

Corner couches convertible into a double bed	<a href="#">A47C 17/36</a>
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## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Sofas without movable parts	<a href="#">A47C 17/02</a>
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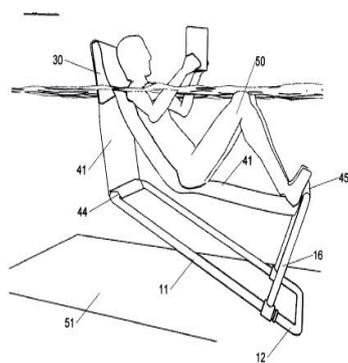
## A47C 15/004

[N: Seating furniture for specified purposes not covered by main groups [A47C 1/00](#) or [A47C 9/00](#)]

## Definition statement

*This subclass/group covers:*

Seating furniture for specific purpose not elsewhere covered in [A47C](#) or [A47D](#), e.g. shoe shining type chairs, meditation seats, video games chairs, seats for photographer's, astronomical observation seats, underwater chairs, high umpire seats, for sexual intercourse



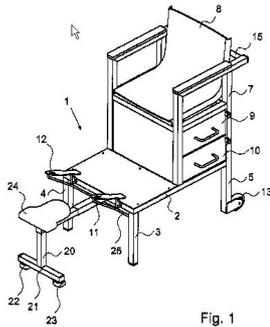
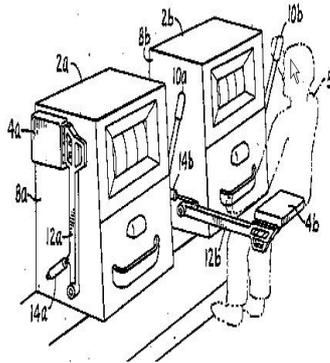


Fig. 1



GB2422102 DE202004011613U US4705274

## References relevant to classification in this group

*This subclass/group does not cover:*

Seats adapted for angling, e.g. fisherman's seats	<a href="#">A01K 97/22</a>
Hunting stands, e.g. hunting seats	<a href="#">A01M 31/02</a>
Hairdressers' or similar chairs	<a href="#">A47C 1/04</a>
High stools, e.g. bar stools	<a href="#">A47C 9/007</a>
Bath seats	<a href="#">A47K 3/12</a>
Shower seats	<a href="#">A47K 3/282</a>
Chairs with toilet means	<a href="#">A47K 11/04</a>
Seats for surgeons or dentists	<b>A61B19/00J</b>
Chairs for disable persons	<a href="#">A61G 5/00</a>
Operating chairs, dental chairs, physiotherapeutic chairs, gynaecological chairs	<a href="#">A61G 15/00</a>

Chairs with massage means	<b>A61H1/00B4</b>
Seats specially adapted for vehicles	<a href="#">B60N 2/00</a>
Ski-lift seats	<a href="#">B61B 12/002</a>
Rail vehicles seats	<a href="#">B61D 33/00</a>
Vessel furniture, e.g. boat seats	<a href="#">B63B 29/04</a>
Aircraft seats	<a href="#">B64D 11/06</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Body floating supports for relaxation in water	<a href="#">A61H 37/005</a>
Floating devices with seat for pleasure or sports	<a href="#">B63B 35/74</a>
Floatable furniture	<a href="#">B63C 9/30</a>

### **A47C 16/00**

**[N: Stand-alone] rests or supports for feet, legs, arms, back or head (associated with chairs [A47C 7/00](#); associated with beds or sofas [A47C 20/00](#))**

### Definition statement

*This subclass/group covers:*

Rests or supports for feet, legs, arms, back or head not connected in any way with the seating furniture

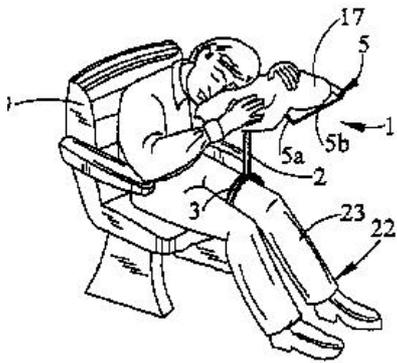
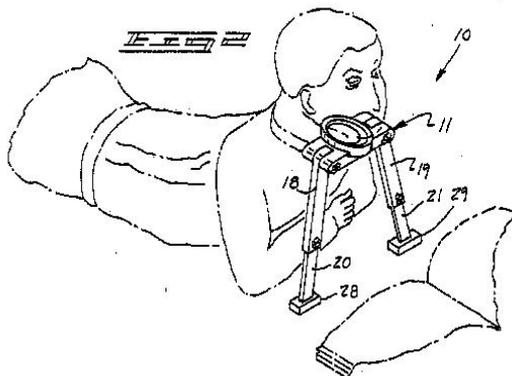


FIG. 1



US6270160 US5303890

## References relevant to classification in this group

*This subclass/group does not cover:*

Supports for feet, legs, arms, back or head associated with not-movable parts of chairs	<a href="#">A47C 7/00</a>
Supports for feet, legs, arms, back or head associated with beds	<a href="#">A47C 20/00</a>
Loos or removable covers for chairs	<a href="#">A47C 31/11</a>
Baby feeding cushions	<a href="#">A47D 13/083</a>

## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

stand-alone	not connected in any way with the seating furniture
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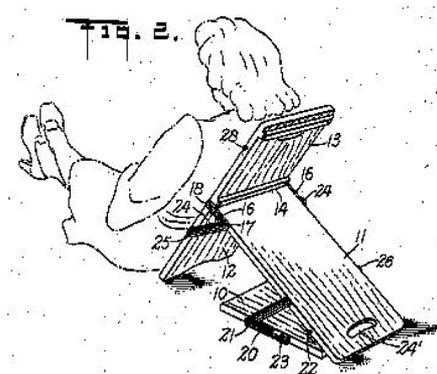
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## A47C 16/005

[N: Back-rests]

### Definition statement

*This subclass/group covers:  
Stand-alone backrests*



US2384234

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having independently-adjustable supporting parts, e.g. having independently-adjustable backrest, backrest-seat-unit	<a href="#">A47C 1/022</a>
Chairs having movably-coupled adjustable seat and backrest	<a href="#">A47C 1/032</a>
Beach chairs of legless type	<a href="#">A47C 1/146</a>
Detachable or loose back supports associated with beds	<a href="#">A47C 20/027</a>

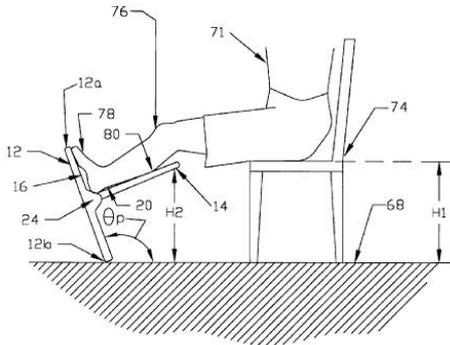
## A47C 16/02

Footstools; Foot-rests; Leg-rests

## Definition statement

*This subclass/group covers:*

Stand-alone foot-rests or leg-rests; Footstools



US6045192

## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs having leg-rest or foot-rest movable-coupled to other parts of the chair, e.g. backrest or seat.	<a href="#">A47C 1/034</a>
Chairs having adjustable leg-rest or foot-rest in combination with head-rest	<a href="#">A47C 1/037</a>
Supports for the feet or the legs coupled to non-movable parts of the chair	<a href="#">A47C 7/50</a>
Lower-leg-rests for vehicles, e.g. calf-rests	<a href="#">B60N 2/4495</a>
Foot-rests for vehicle seats	<a href="#">B60N 3/06</a>
Leg-rests or foot-rests for disable persons chairs	<a href="#">A61G 2005/127</a> <a href="#">A61G 2005/128</a>

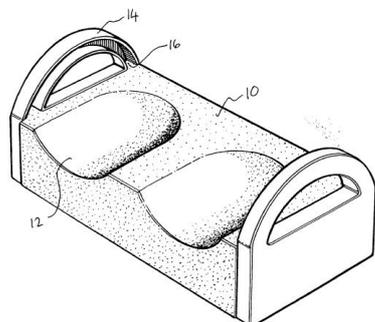
## A47C 16/04

Prayer-stools; Kneeling stools; Kneeling supports (hassocks or pouffes [A47C 3/16](#) )

## Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group:



GB2405327

## References relevant to classification in this group

*This subclass/group does not cover:*

Hassocks or Pouffes	<a href="#">A47C 3/16</a>
Stools with forward inclined seat, e.g. with knee-supports	<a href="#">A47C 9/005</a>
Stools for working at ground level	<a href="#">A47C 9/027</a>
Church benches, confessionals	<a href="#">A47C 11/02</a>

## A47C 17/00

### References relevant to classification in this group

#### Definition statement

*This subclass/group covers:*

Sofas, couches, wall beds, cabinet beds, travelling beds, camp beds, suspended beds;

Hammocks	<a href="#">A45F 3/22</a>
Bed frames, Bedsteads	<a href="#">A47C 19/00</a>
Rests for beds or sofas, e.g. headrests, footrests	<a href="#">A47C 20/00</a>

Attachments for beds; Ventilating, cooling or heating means for beds	<a href="#">A47C 21/00</a>
Spring mattresses with ridged frame, e.g. box springs	<a href="#">A47C 23/00</a>
Spring, stuffed or fluid mattresses for beds or sofas	<a href="#">A47C 27/00</a>
Bed canopies, Mosquito nets	<a href="#">A47C 29/00</a>
Details and accessories for beds	<a href="#">A47C 31/00</a>
Show stands for furniture e.g. beds or mattresses	<a href="#">A47F 7/30</a>
Bed-covers; Counterpanes; Travelling rugs; Sleeping rugs; Sleeping bags; Pillows	<a href="#">A47G 9/00</a>
Devices for preventing wetting or pollution of the bed, e.g. absorbent protective pads	<a href="#">A61F 5/48</a>
Stretchers	<a href="#">A61G 1/00</a>
Medical beds	<a href="#">A61G 7/00</a>
Beds with massage means	<b>A61H1/00B2</b>
Sleeping accommodation for caravans	<a href="#">B60P 3/38</a>
Sleeping accommodation for rail vehicles	<a href="#">B61D 31/00</a>
Sleeping accommodation for load-carrying vehicles	<a href="#">B62D 33/0612</a>
Berths for vessels	<a href="#">B63B 29/10</a>
Upholstery in general	<a href="#">B68G</a>
Jointing of furniture	<a href="#">F16B 12/00</a>
Testing of furniture, e.g. seats or	<a href="#">G01M 99/001</a>

mattresses	
Exercising apparatus combined with beds or mattresses	<a href="#">A63B 21/16</a>
Production of mattresses or cushion by moulding	<b>L29C531/00</b>
Production of upholstery by moulding	<b>L29C601/00</b>

## **A47C 17/02**

**Sofas, couches, settees, or the like, without movable parts**

### **Definition statement**

*This subclass/group covers:*

Sofas, couches, settees or the like having neither adjustable nor convertible parts

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Chairs, stools or Benches	<a href="#">A47C 1/00</a> - <a href="#">A47C 16/00</a>
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## **A47C 17/04**

**[N: Seating furniture, e.g.] sofas, couches, settees, or the like, with movable parts [N: changeable to beds]; Chair beds**

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Convertible chairs, stools or benches (except conversion to bed)	<a href="#">A47C 13/00</a>
Convertible children's beds	<a href="#">A47D 11/005</a>
Vehicle seats convertible to beds	<a href="#">B60N 2/34</a>
Stretchers convertible into chairs	<a href="#">A61G 1/017</a>

Medical beds convertible into a chair	<a href="#">A61G 7/16</a>
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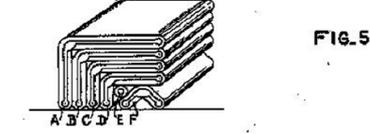
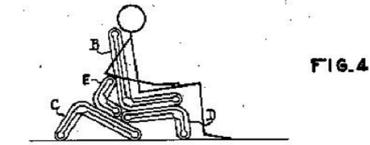
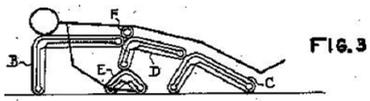
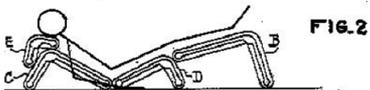
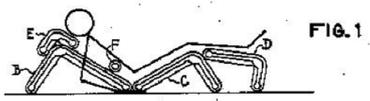
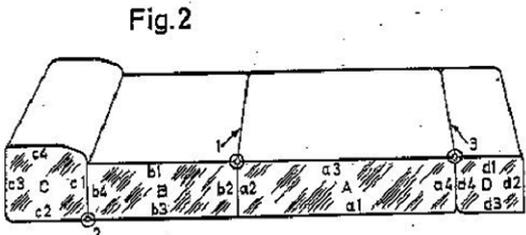
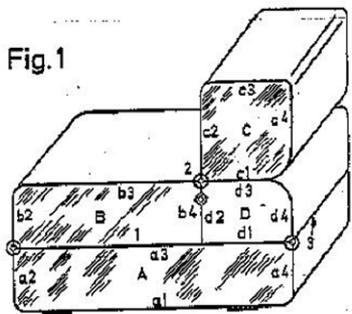
**A47C 17/045**

[N: Seating furniture having loose or by fabric hinge connected cushions, changeable to beds]

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group:



## References relevant to classification in this group

*This subclass/group does not cover:*

Several spring, stuffed or fluid mattress/cushions to be put together in one cover	<a href="#">A47C 27/001</a>
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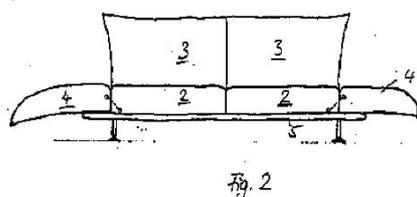
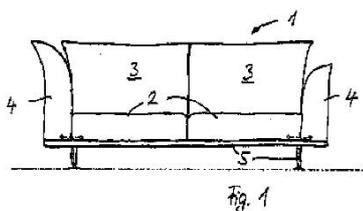
## A47C 17/12

**convertible to beds by tilting or extending the arm-rests**

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group:



DE19947187

## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with adjustable armrests	<a href="#">A47C 1/03</a>
Non-adjustable support armrests, e.g. movable to inoperative position or of detachable type.	<a href="#">A47C 7/54</a>
Chairs with armrest tables	<a href="#">A47C 7/68</a>

Sofa convertible to bed by tilting or pivoting a backrest with tilting or pivoting the armrest	<a href="#">A47C 17/18</a>
Detachable or loose armrest for beds	<a href="#">A47C 20/023</a>
Armrest for vehicles seats	<a href="#">B60N 2/46</a>
Armrest for disable persons chairs	<a href="#">A61G 2005/125</a>

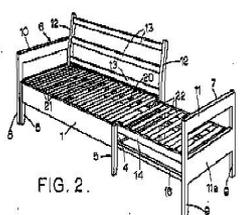
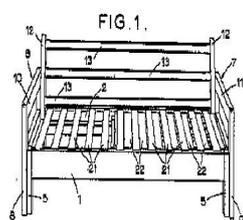
## A47C 17/13

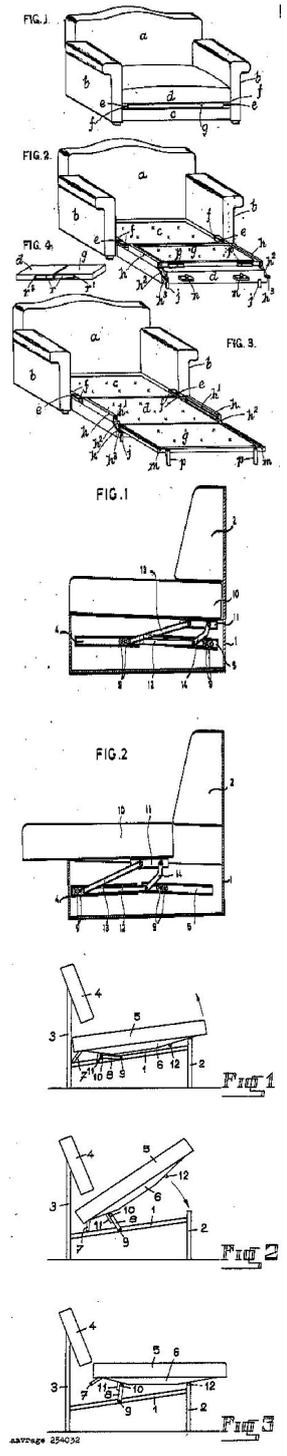
**[N: Seating furniture having non-movable backrest] changeable [N: to beds] by increasing the available [N: seat] part, e.g. by drawing [N: seat cushion] forward**

### Definition statement

*This subclass/group covers:*

Seating furniture with non-movable backrest convertible to bed by pulling the seat cushion.





GB1171323 GB406768 DE20007132 NL109206C

**References relevant to classification in this group**

*This subclass/group does not cover:*

Seating furniture convertible to bed by pivoting the movable-coupled backrests and seat	<a href="#">A47C 17/17</a>
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Seating furniture convertible to bed by pivoting the backrest with seat cushion consisting of multiple superposed parts, wherein at list on lower hidden part is sliding forward out of the frame	<a href="#">A47C 17/2073</a>
Seating furniture convertible to bed by pivoting the backrest with seat cushion consisting of multiple superposed parts, wherein at list on lower hidden part is pivoted by linkages out of the frame	<a href="#">A47C 17/2076</a>
Seating furniture with non-movable backrest convertible to bed by uncovering previously hidden	<a href="#">A47C 17/22</a>

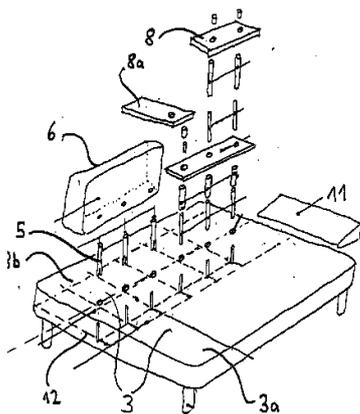
## A47C 17/14

**changeable to beds by removing parts only**

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in ths group:



DE202005010087U

### References relevant to classification in this group

*This subclass/group does not cover:*

Seating furniture with loose or connected by the fabric hinge	<a href="#">A47C 17/045</a>
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cushions, convertible to bed	
Dismountable bedsteads	<a href="#">A47C 19/005</a>

## Informative references

Attention is drawn to the following places, which may be of interest for search:

Dismountable chairs	<a href="#">A47C 4/02</a>
Chairs with dismountable or loose backrest	<a href="#">A47C 7/42</a>
Modular seating	<a href="#">A47C 13/005</a>

## A47C 17/16

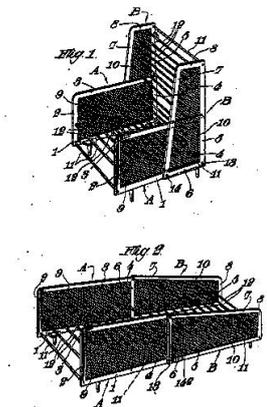
**[N: Seating furniture] changeable to beds by tilting or pivoting the back-rest**

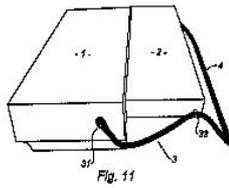
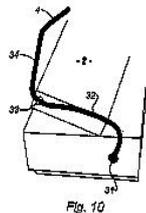
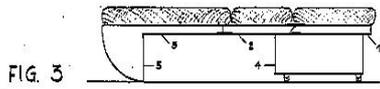
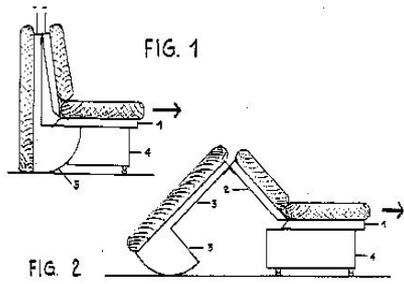
### Definition statement

*This subclass/group covers:*

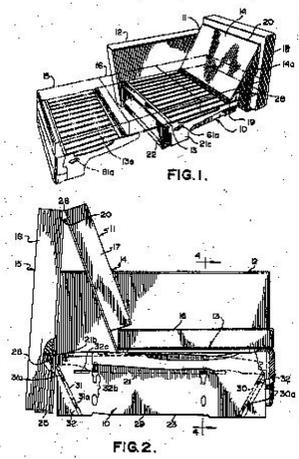
Seating furniture convertible to bed by tilting or pivoting the backrest.

The backrest can also be connected to the movable seat parts.





GB883581 DE4017809 FR2880247



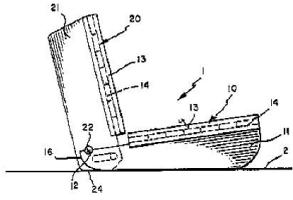


FIG. 3

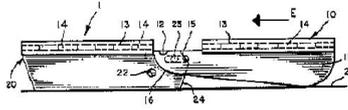


FIG. 7

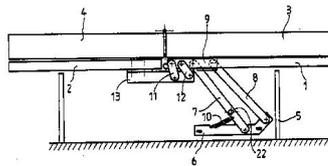
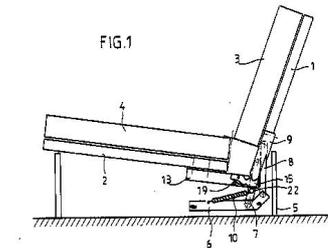


FIG. 3

US3867730 US5956785 EP395531

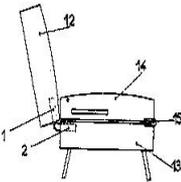


Fig. 1

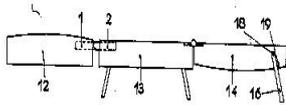


Fig. 2

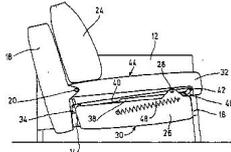


Fig.2a

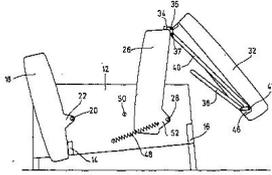
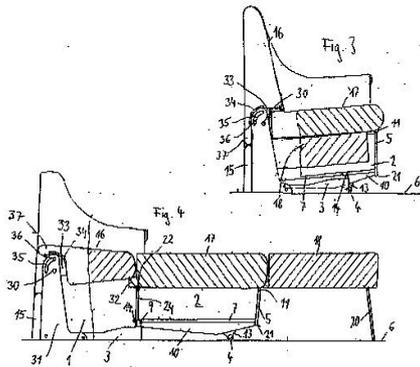


Fig.2b



FR1385325 EP1208772 DE19750571

## References relevant to classification in this group

*This subclass/group does not cover:*

Seating furniture having non-movable backrest changeable to beds by increasing the available seat part, e.g. by drawing seat cushion forward	<a href="#">A47C 17/13</a>
Seating furniture with non-movable backrest convertible to bed by uncovering previously hidden mattress or articulated bed cushions	<a href="#">A47C 17/22</a>

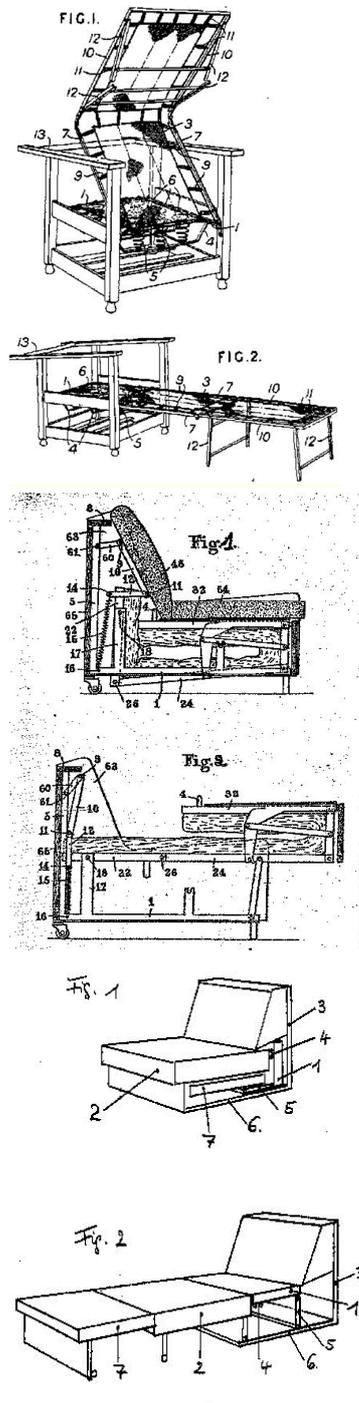
## A47C 17/22

**[N: Seating furniture having non-movable back-rest changeable to beds] with means for uncovering a previously hidden mattress or similar bed part**

## Definition statement

This subclass/group covers:

Seating furniture with non-movable backrest convertible to bed by uncovering previously hidden mattress or articulated bed cushions.



GB322523 BE765002 DE20000226U

## References relevant to classification in this group

*This subclass/group does not cover:*

Seating furniture convertible to bed by pivoting the backrest thereby uncovering previously hidden parts	<a href="#">A47C 17/20</a>
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### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Seating furniture having non-movable backrest changeable to beds by increasing the available seat part, e.g. by drawing seat cushion forward.	<a href="#">A47C 17/13</a>
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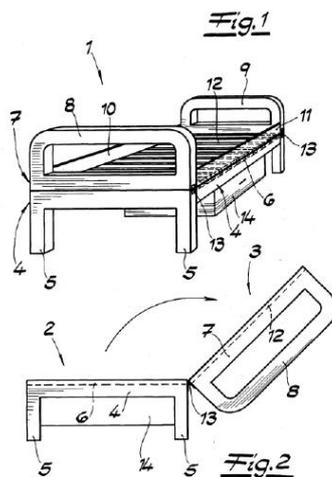
### **A47C 17/32**

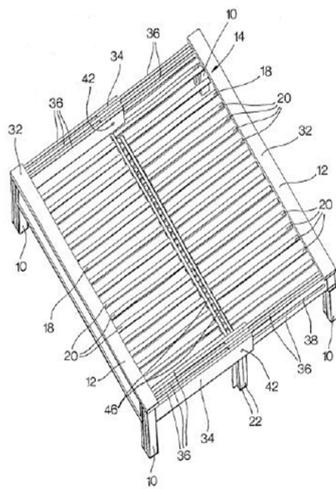
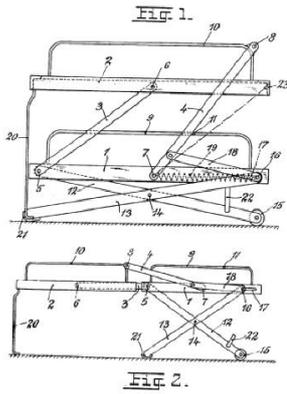
**Changing a single bed into a double bed by extending, pivoting, or tilting a previously hidden second mattress or other bed part**

### **Definition statement**

*This subclass/group covers:*

Single bed convertible into a double bed.





DE29800162 CH261593 DE9408479U

### References relevant to classification in this group

*This subclass/group does not cover:*

Changing corner couches into a double beds	<a href="#">A47C 17/36</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Parts for jointing separate bedsteads	<a href="#">A47C 19/028</a>
Extendible bedsteads	<a href="#">A47C 19/04</a>
Extensible children's play-pens	<a href="#">A47D 13/068</a>

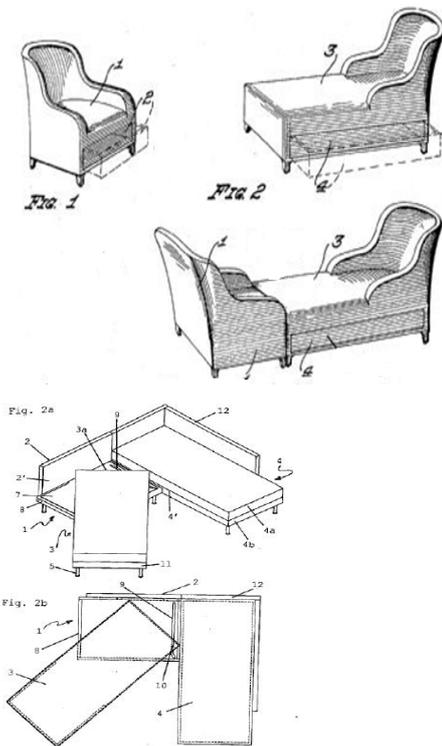
## A47C 17/34

Joining seats, chairs, or couches to form beds

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



US1825055 AT200201891

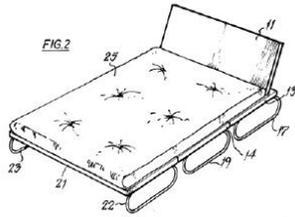
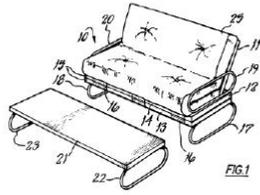
## A47C 17/37

Changing sofas or the like into beds by means of furniture other than seats or chairs

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



GB2179849

## A47C 17/38

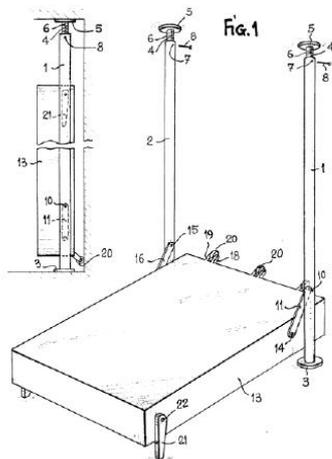
### Wall beds

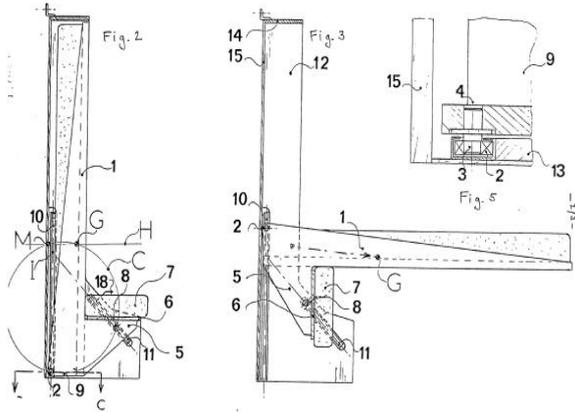
#### Definition statement

*This subclass/group covers:*

*This group covers*

*Beds connected to the wall*





FR2177172 EP0011531

### References relevant to classification in this group

*This subclass/group does not cover:*

Seating furniture convertible into beds	<a href="#">A47C 17/04</a>
Cabinet beds, Wardrobe beds	<a href="#">A47C 17/52</a>
Travelling or camp beds	<a href="#">A47C 17/64</a>
Folding bedsteads	<a href="#">A47C 19/12</a>
Wall attached dressing-tables	<a href="#">A47D 5/003</a>

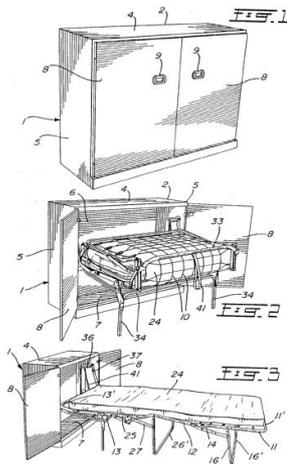
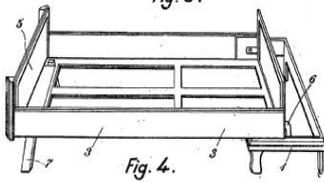
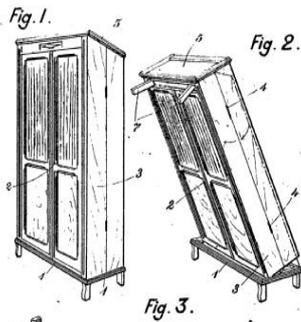
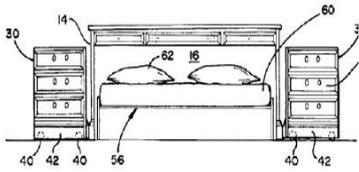
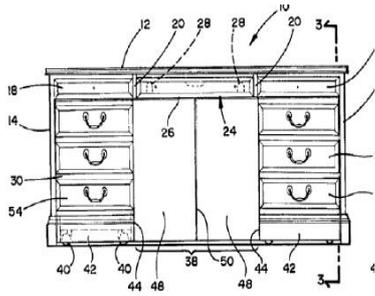
### **A47C 17/52**

**Cabinet beds; Table beds, or like beds; Wardrobe beds**

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



US5913769 FR595290 US4631764

**References relevant to classification in this group**

*This subclass/group does not cover:*

Seating furniture convertible into beds	<a href="#">A47C 17/04</a>
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Wall beds	<a href="#">A47C 17/38</a>
Travelling or camp beds	<a href="#">A47C 17/64</a>
Folding bedsteads	<a href="#">A47C 19/12</a>

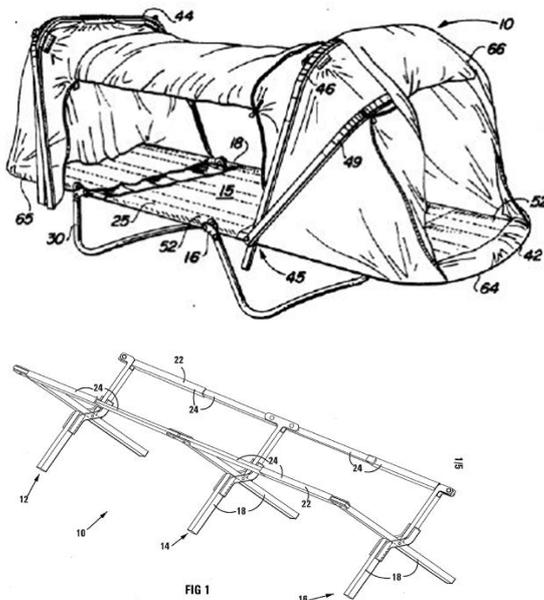
## A47C 17/64

Travelling or camp beds (adjusting members for rests [A47C 20/00](#); travelling or camp sacks or packs convertible into beds or mattresses [A45F 4/06](#); stretchers [A61G 1/00](#) )

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



US4914768 WO0234089

### References relevant to classification in this group

*This subclass/group does not cover:*

Hammocks	<a href="#">A45F 3/22</a>
Convertible travelling/camp sacks or packs convertible into beds or mattresses	<a href="#">A45F 4/06</a>

Beach chairs	<a href="#">A47C 1/14</a>
Folding, collapsible or dismountable chairs	<a href="#">A47C 4/00</a>
Trunk chairs	<a href="#">A47C 4/52</a>
Camp, travelling or sport stools	<a href="#">A47C 9/10</a>
Dismountable bedsteads	<a href="#">A47C 19/005</a>
Folding bedsteads	<a href="#">A47C 19/12</a>
Foldable or dismountable spring mattress with rigid frame	<a href="#">A47C 23/005</a>
Foldable dressing tables for children	<a href="#">A47D 5/006</a>
Foldable beds for children	<a href="#">A47D 7/002</a>
Foldable small beds for newborns or infants	<a href="#">A47D 9/005</a>
Foldable play-pens	<a href="#">A47D 13/061</a>
Foldable or collapsible stretchers	<a href="#">A61G 1/013</a>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Chairs or stool bases for uneven surfaces	<a href="#">A47C 7/008</a>
Bed canopies	<a href="#">A47C 29/003</a>
Mosquito nets	<a href="#">A47C 29/006</a>
Self inflating mattresses	<a href="#">A47C 27/084</a>

**A47C 17/84**

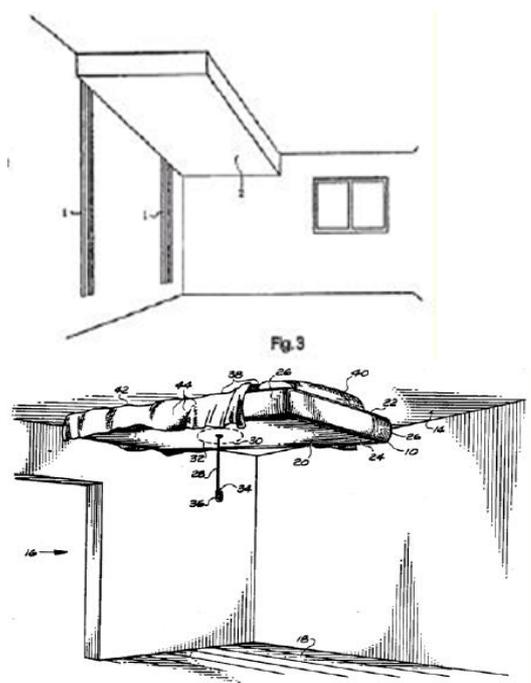
## Suspended beds, e.g. suspended from ceiling (hammocks [A45F 3/22](#) )

### Definition statement

*This subclass/group covers:*

*This group covers*

Illustrative example of subject matter classified in this group



GB2276315 US4888836

### References relevant to classification in this group

*This subclass/group does not cover:*

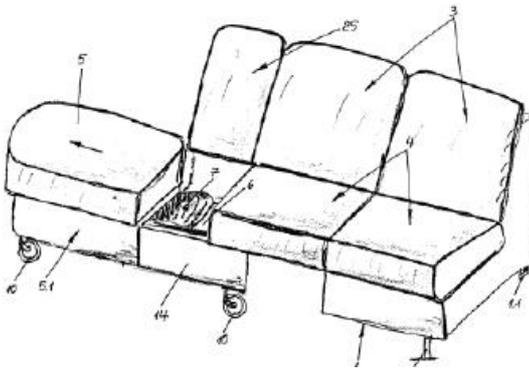
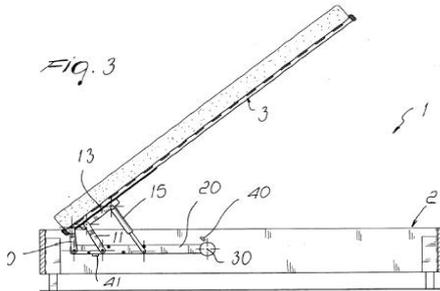
Hammocks	<a href="#">A45F 3/22</a>
Wall beds	<a href="#">A47C 17/38</a>

### [A47C 17/86](#)

Parts or details for beds, sofas or couches only not fully covered in a single one of the sub-groups [A47C 17/02](#), [A47C 17/04](#), [A47C 17/38](#), [A47C 17/52](#), [A47C 17/64](#), or [A47C 17/84](#) ; [N: Drawers in or under beds]

## Definition statement

This subclass/group covers:



EP1374741 DE2004014824

## References relevant to classification in this group

This subclass/group does not cover:

Accessories for chairs	<a href="#">A47C 7/62</a>
Combinations of bedsteads with other additional furniture or with accessories, e.g. with bedside cabinets or tables	<a href="#">A47C 19/22</a>

## A47C 19/00

**Bedsteads (spring mattresses with rigid frame or forming part of the bedstead [A47C 23/00](#); bed jointing members or fittings for bedsteads [F16B](#))**

## References relevant to classification in this group

This subclass/group does not cover:

Travelling or camp beds	<a href="#">A47C 17/64</a>
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Spring mattresses with ridged frame, e.g. box springs	<a href="#">A47C 23/00</a>
Stuffed or fluid mattress without a rigid frame for beds or sofas	<a href="#">A47C 27/00</a>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Fitting for bedsteads	<a href="#">F16B 12/54</a>
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### Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

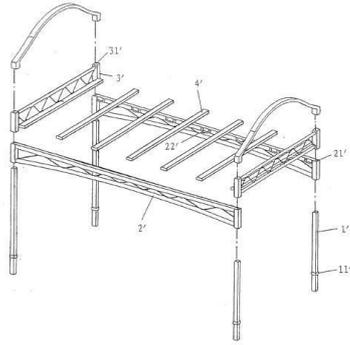
Bedstead	Bed frame having non-elastic support forming lowest part of the bed
Spring mattress with rigid frame	Mattress having a rigid frame and elastic elements fixed to the rigid frame. Such mattress can be positioned on top of the bedstead, e.g. box-springs or directly on the floor, e.g. divan or slatted bed bases
Stuffed or fluid mattress	Mattress without a rigid frame stuffed with fibrous material, foam, fluid or springs. Such mattress can be placed on top of bedstead, box-spring, or directly on the floor, e.g. futon.

## A47C 19/005

[N:dismountable]

### Definition statement

This subclass/group covers:



## References relevant to classification in this group

*This subclass/group does not cover:*

Dismountable chairs	<a href="#">A47C 4/02</a>
Dismountable travelling or camp beds	<a href="#">A47C 17/645</a>
Foldable or dismountable spring mattress with rigid frame	<a href="#">A47C 23/005</a>
Dismountable children's beds	<a href="#">A47D 7/005</a>
Dismountable children's pens	<a href="#">A47D 13/066</a>
Collapsible stretchers	<a href="#">A61G 1/013</a>

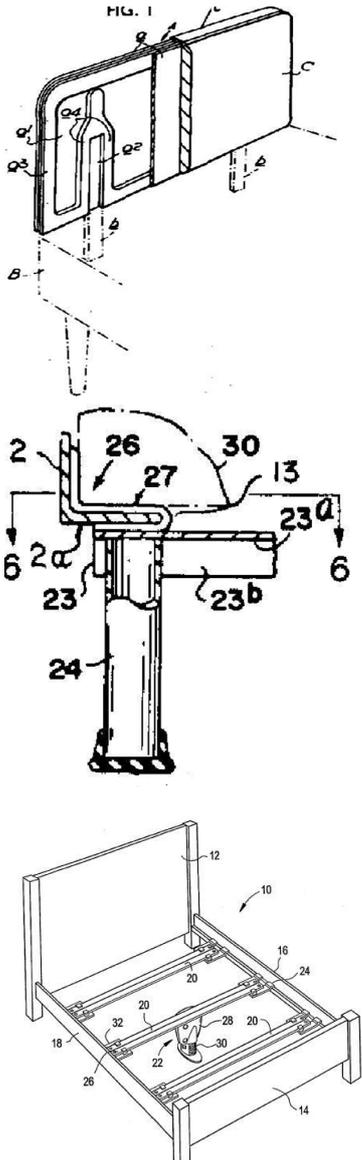
## A47C 19/02

**Parts or details of bedsteads not fully covered in a single one of the following sub-groups, e.g. bed rails, post rails**

### Definition statement

*This subclass/group covers:*

Parts or details of bedsteads, e.g. bed rails, legs, head or foot boards; cross-bars



WO2005112705

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Fitting for bedsteads	<a href="#">F16B 12/54</a>
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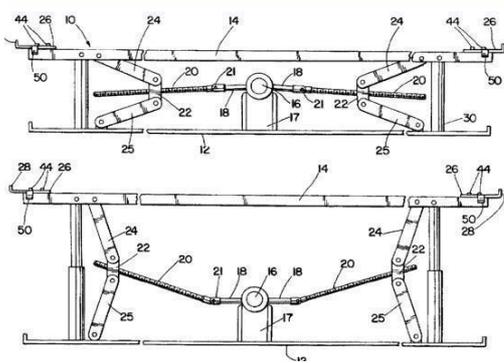
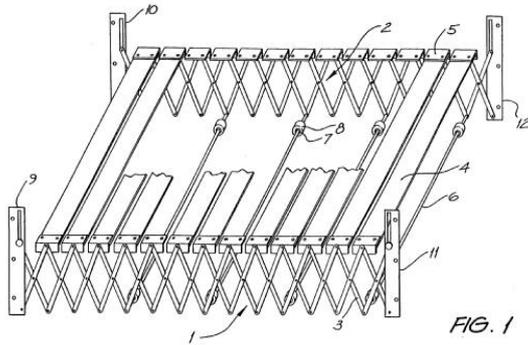
**A47C 19/04**

**Extensible bedsteads, e.g. with adjustment of length, width, height (for children's beds [A47D 7/00](#) )**

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



WO9422349 US5713091

### References relevant to classification in this group

*This subclass/group does not cover:*

Children's bed with adaptable length to the growth of the children	<a href="#">A47D 7/01</a>
Extensible Children's play-pens	<a href="#">A47D 13/068</a>
Medical beds with rising or lowering the whole mattress frame	<a href="#">A61G 7/012</a>
Operating tables with rising or lowering the whole table surface	<a href="#">A61G 13/06</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Single bed convertible into a double bed by extending, pivoting or tilting	<a href="#">A47C 17/32</a>
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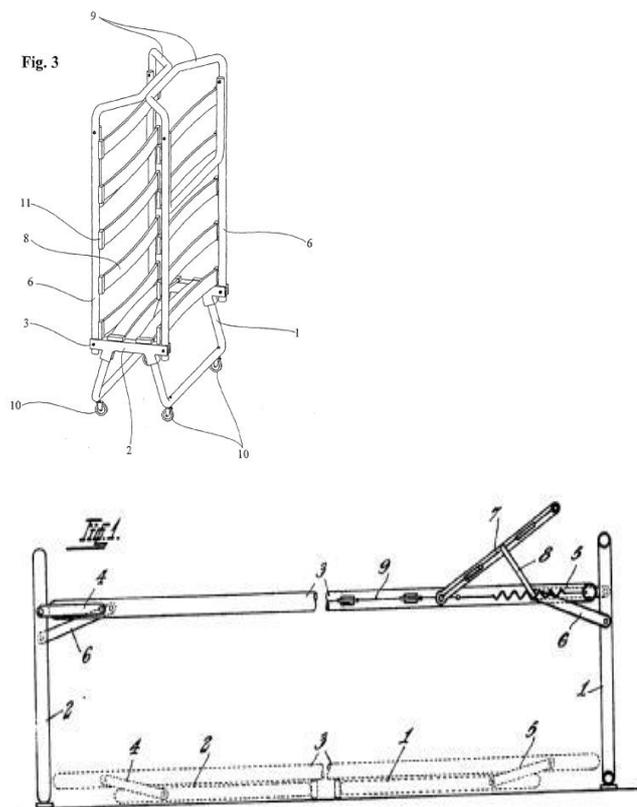
## A47C 19/12

### Folding bedsteads (travelling or camp beds [A47C 17/64](#) )

#### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



EP1166685 CH358910

#### References relevant to classification in this group

*This subclass/group does not cover:*

Folding, collapsible or dismantable chairs	<a href="#">A47C 4/00</a>
Seating furniture convertible into beds	<a href="#">A47C 17/04</a>
Foldable travelling or camp beds	<a href="#">A47C 17/68</a> <a href="#">A47C 17/70</a> <a href="#">A47C 17/74</a>
Dismountable bedsteads	<a href="#">A47C 19/005</a>

Foldable or dismountable spring mattress with rigid frame	<a href="#">A47C 23/005</a>
Foldable dressing tables	<a href="#">A47D 5/006</a>
Foldable beds for children	<a href="#">A47D 7/002</a>
Foldable small beds for newborns or infants	<a href="#">A47D 9/005</a>
Foldable play-pens	<a href="#">A47D 13/061</a>
Foldable or collapsible stretchers	<a href="#">A61G 1/013</a>

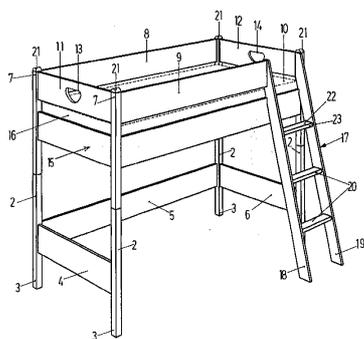
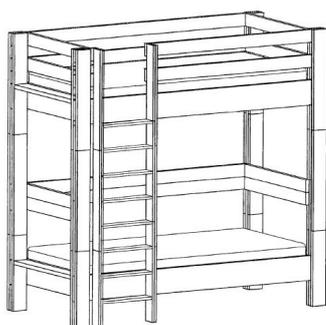
## A47C 19/20

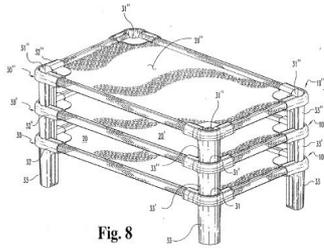
**Multi-stage bedsteads [N: e.g. bunk beds] (multiple-wall beds [A47C 17/50](#); suspended beds [A47C 17/84](#) ); Bedsteads stackable to multi-stage bedsteads**

### Definition statement

*This subclass/group covers:*

Bunk beds; Mezzanine bed; Stacking or nesting bedsteads





DE1004052192 DE29921485U EP1155642

## References relevant to classification in this group

*This subclass/group does not cover:*

Multiple-wall beds	<a href="#">A47C 17/50</a>
Suspended beds	<a href="#">A47C 17/84</a>
Sleeping accommodation for rail vehicles	<a href="#">B61D 31/00</a>
Sleeping accommodation for load-carrying vehicles	<a href="#">B62D 33/0612</a>
Berths for vessels	<a href="#">B63B 29/10</a>

## A47C 19/22

**Combinations of bedsteads with other furniture or with accessories, e.g. with bedside cabinets (bed-tables [A47B 23/00](#); [N: bedside cabinets [A47B 79/00](#) ])**

### Definition statement

*This subclass/group covers:*

Beds combined with other furniture, e.g. tables, bedside cabinets, etc.

## References relevant to classification in this group

*This subclass/group does not cover:*

Bed-tables	<a href="#">A47B 23/00</a>
Bedside cabinets	<a href="#">A47B 79/00</a>

Drawers in or under beds	<a href="#">A47C 17/86</a>
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Headrests, footrest, armrest, backrests or like rests associated with beds, sofas or the like

## **A47C 20/00**

Head -, foot -, or like rests for beds, sofas or the like (book rests or bed tables [A47B 23/00](#); bed-rests specially adapted for nursing [A61G 7/065](#) )

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Medical bed with rests, e.g. head, torso or limbs rests	<a href="#">A61G 7/065</a>
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## **A47C 20/02**

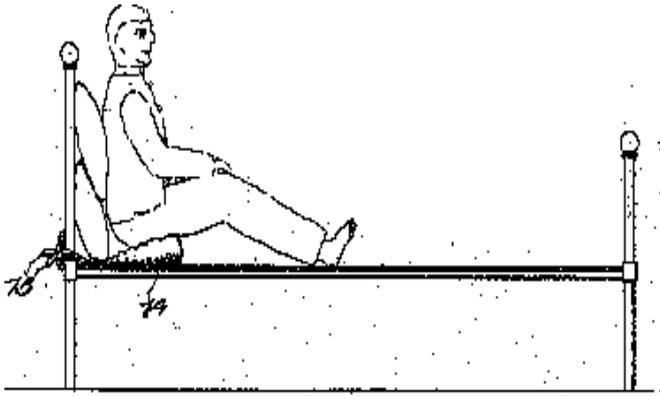
of detachable [N: or loose] type ([A47C 20/04](#), [A47C 20/08](#) take precedence; [N: for chairs [A47C 7/00](#); pillows [A47G 9/10](#) ])

### **Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group





US6874183 US1156523

### References relevant to classification in this group

*This subclass/group does not cover:*

Detachable or loose seat cushions for chairs or stools	<a href="#">A47C 7/021</a>
Detachable or loose head or neck supports for chairs	<a href="#">A47C 7/383</a>
Detachable or loose back supports for chairs	<a href="#">A47C 7/42</a>
Detachable feet or the legs supports for chairs	<a href="#">A47C 7/52</a>
Stan-alone supports for feet, legs, back or head	<a href="#">A47C 16/00</a>
Baby feeding cushions	<a href="#">A47D 13/083</a>
Restraining devices for children's beds	<a href="#">A47D 15/008</a>
Pillows	<a href="#">A47G 9/10</a>
Medical beds with head or torso support	<a href="#">A61G 7/07</a>
Medical beds with limbs support	<a href="#">A61G 7/075</a>
Medical beds with rests adapted for lifting patients or disabled persons	<a href="#">A61G 7/10</a>

## Informative references

Attention is drawn to the following places, which may be of interest for search:

Beds having backrest, footrests or headrests with adjustable inclination	<a href="#">A47C 20/04</a> <a href="#">A47C 20/08</a>
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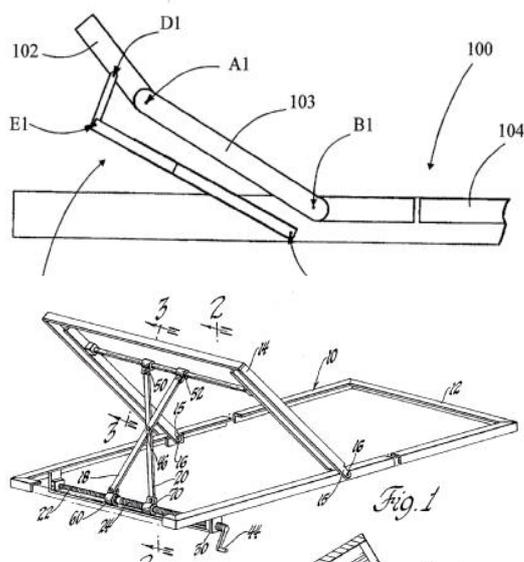
## A47C 20/04

with adjustable inclination ([A47C 20/08](#) takes precedence)

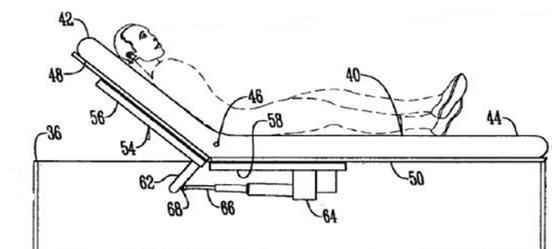
## Definition statement

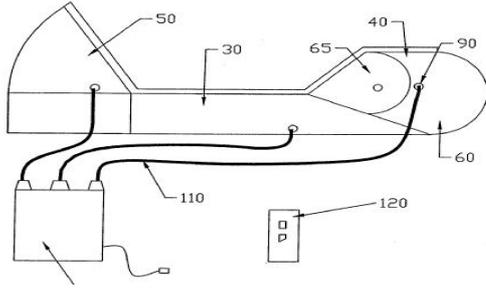
This subclass/group covers:

Beds with independently-adjustable backrests, footrests or headrests.



FR2871670 US3277501





US6857689 WO2006135360

## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with adjustable parts, e.g. backrest or footrest	<a href="#">A47C 1/022</a> <a href="#">A47C 1/031</a>
Seating furniture convertible to beds	<a href="#">A47C 17/04</a>
Beds with entire frame height or inclination adjustment	<a href="#">A47C 19/045</a>
Beds with two or more rests adjustable simultaneously	<a href="#">A47C 20/08</a>
Medical beds with adjustable mattress frame	<a href="#">A61G 7/002</a>
Operating tables with adjustable sections	<a href="#">A61G 13/08</a>

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Travelling or camp beds	<a href="#">A47C 17/64</a>
Bedsteads head or foot boards	<a href="#">A47C 19/022</a>
Detachable or loose supports for feet, legs, arms, back or head associated with beds	<a href="#">A47C 20/02</a>



**Attachments for beds, e.g. sheet holders, bed-cover holders;  
Ventilating, cooling or heating means in connection with  
bedsteads or mattresses**

**Definition statement**

*This subclass/group covers:*

Bed-tables	<a href="#">A47B 23/00</a>
Bedside cabinets	<a href="#">A47B 79/00</a>
Accessories for chairs	<a href="#">A47C 7/62</a>
Drawers in or under beds	<a href="#">A47C 17/86</a>
Combinations of bedsteads with other additional furniture or with accessories, e.g. with bedside cabinets or tables	<a href="#">A47C 19/22</a>
Accessories of children's furniture	<a href="#">A47D 15/00</a>

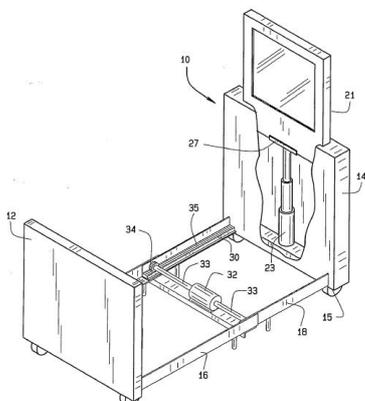
**A47C 21/003**

**[N: Lighting, radio, telephone or the like connected to the bedstead]**

**Definition statement**

*This subclass/group covers:*

*Beds with electrical appliances, e.g. lighting, radio, telephone or etc.*



WO2006081162

## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with lightning, radio, telephone or etc.	<a href="#">A47C 7/72</a>
Combination of lightening devices with hospital beds	<a href="#">F21V 33/0072</a>
Illuminated bed covers, counterpanes, travelling rugs, sleeping rugs or pillows	<a href="#">A47G 2009/005</a>
Bed covers, counterpanes, travelling rugs, sleeping rugs or pillows with sound equipment	<a href="#">A47G 2009/006</a>

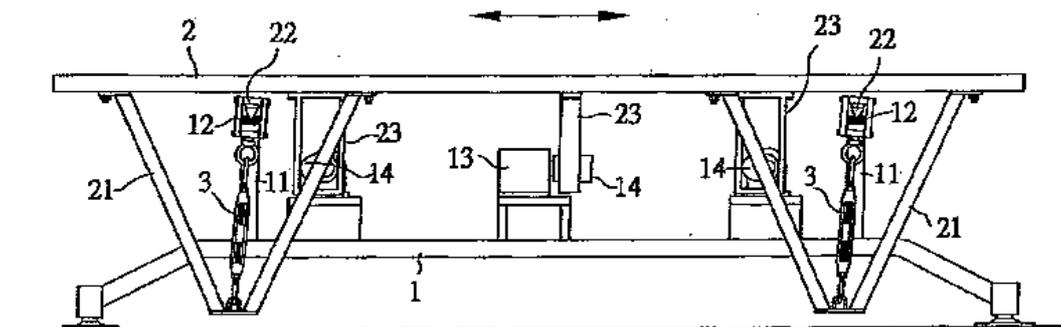
## A47C 21/006

[N: Oscillating, balancing or vibrating mechanisms connected to the bedstead (for children's beds [A47D 9/02](#) )]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in ths group



DE202006006297U

## References relevant to classification in this group

*This subclass/group does not cover:*

Rocking chairs in general	<a href="#">A47C 3/02</a>
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Small beds for newborns or infants with rocking mechanisms	<a href="#">A47D 9/02</a>
Children's rocking chairs	<a href="#">A47D 13/105</a>
Swings in general	<a href="#">A63G 9/00</a>
Medical beds for preventing bed-sores or for supporting patients with burns having alternately movable parts	<a href="#">A61G 7/0573</a>
Beds with massage means	<a href="#">A61H 12201/0142</a>
Devices for rocking or oscillating perambulators	<a href="#">B62B 9/22</a>

## **A47C 21/02**

**[N: Holders for loose bed elements, e.g.] sheet holders; bed cover holders**

### **Definition statement**

*This subclass/group covers:*

Holders for loose bed elements, e.g. sheet holders, bed cover holders, for airing duvets or covers, pillow holders, mattress holders, holders for facilitating making a bed

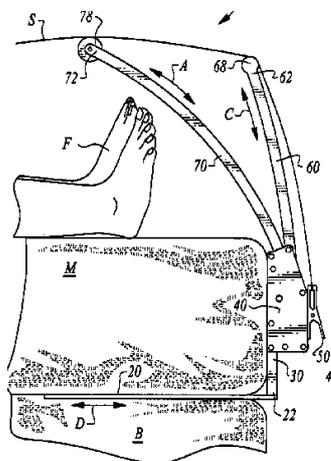
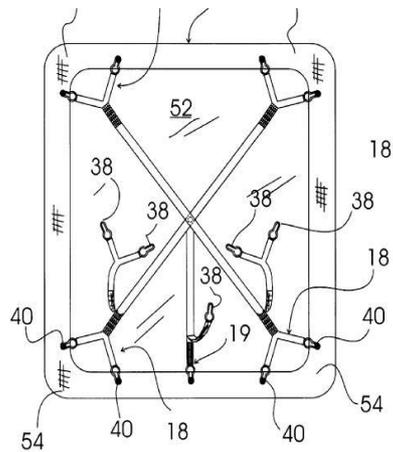
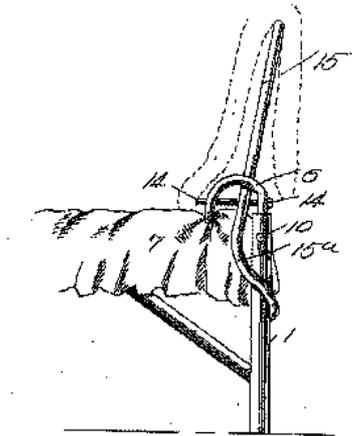
## **A47C 21/022**

**[N: Sheet holders; Bed cover holders]**

### **Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



## References relevant to classification in this group

*This subclass/group does not cover:*

Children's beds with bed-cover holders preventing babies from throwing-off the bed cover	<a href="#">A47D 15/02</a>
Bed-covers; Counterpanes; Travelling rugs; Sleeping rugs; Sleeping bags; Pillows	<a href="#">A47G 9/00</a>

Medical beds with bed-cloth supports to alleviate the weight of the body-cloth on the patient	<a href="#">A61G 7/0501</a>
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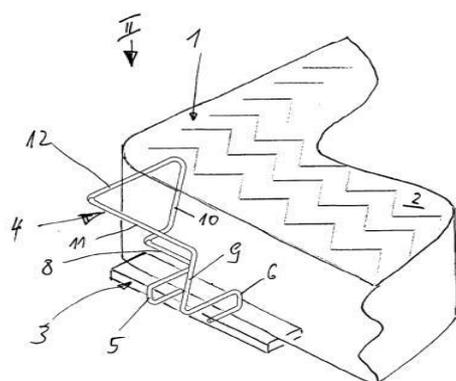
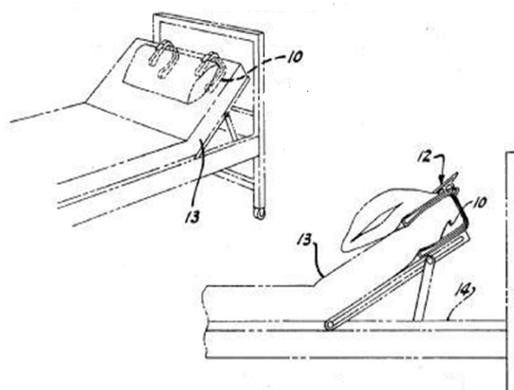
## A47C 21/026

[N:Pillow holders; Mattress holders]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



US3506988 DE29907771U

### References relevant to classification in this group

*This subclass/group does not cover:*

Spring mattresses with ridged frame, e.g. box springs	<a href="#">A47C 23/00</a>
Stuffed or fluid mattress without a rigid frame for beds or sofas	<a href="#">A47C 27/00</a>

Pillows	<a href="#">A47G 9/10</a>
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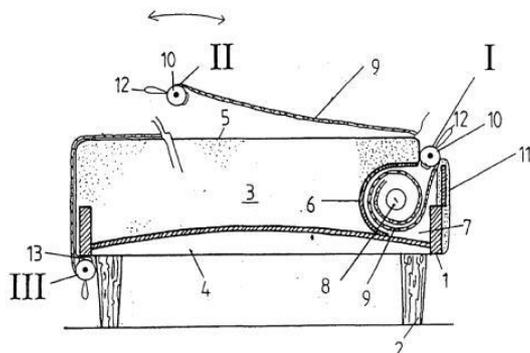
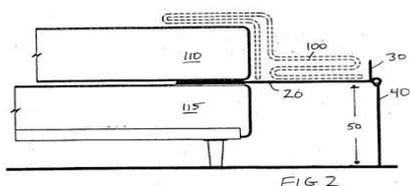
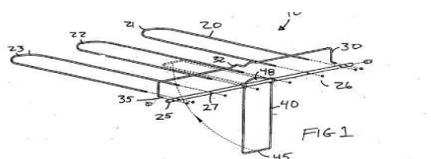
## A47C 21/028

[N: Holders for facilitating making the bed]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



US2006075557 WO2003020082

### Relationship between large subject matter areas

Medical beds with dispensers of disposable sheets	<a href="#">A61G 7/0502</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Beds with entire frame height or inclination adjustment	<a href="#">A47C 19/045</a>
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## **A47C 21/04**

### **Devices for ventilating, cooling or heating**

#### **Definition statement**

*This subclass/group covers:*

Lying furniture having ventilating, cooling or heating means

#### **References relevant to classification in this group**

*This subclass/group does not cover:*

Chairs with ventilating, cooling or heating devices	<a href="#">A47C 7/74</a>
Pillows with cooling or heating means	<a href="#">A47G 9/1036</a>
Heating or cooling appliances for medical or therapeutic treatment of the human body	<a href="#">A61F 7/00</a>
Heating or ventilating devices for vehicle seats	<a href="#">B60N 2/56</a>
Medical beds for preventing bed-sores with ventilating means	<a href="#">A61G 2007/05784</a>

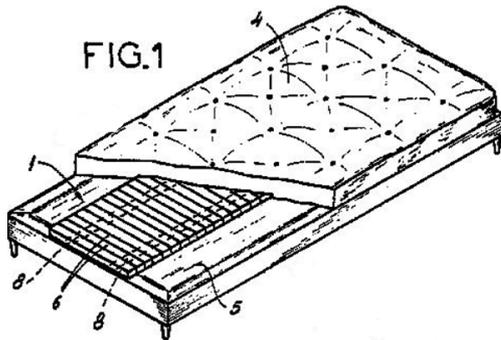
## **A47C 21/06**

### **Mattress underlays [N: (mattress tickings or covers [A47C 27/002](#))]**

#### **Definition statement**

*This subclass/group covers:*

Mattress underlays are layers or inserts positioned between bed-frame/box-spring and the upper mattress to increase the upper mattress ventilation, firmness or protect from damage.



FR2624711

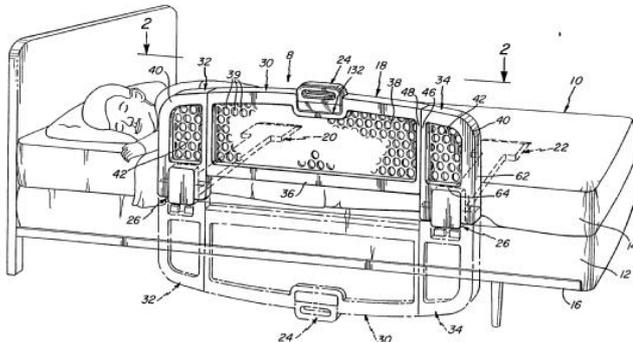
## A47C 21/08

Devices for prevention against falling-out, e.g. detachable sidewalls (for children's beds [A47D 7/00](#) )

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



GB2286115

### References relevant to classification in this group

*This subclass/group does not cover:*

Children's beds	<a href="#">A47D 7/00</a>
Small beds for newborns or infants	<a href="#">A47D 9/00</a>
Children's play-pans	<a href="#">A47D 13/06</a>
Restrain devices for children's beds	<a href="#">A47D 15/008</a>
Side-rails for medical beds	<a href="#">A61G 7/0525</a>

Side bolsters for medical beds	<a href="#">A61G 7/0507</a>
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## A47C 23/00

Spring mattresses with rigid frame or forming part of the bedstead; Divan bases; [N: Slatted bed bases] (unframed spring units [A47C 25/00](#); spring units forming part of stuffed mattresses [A47C 27/00](#) )

### References relevant to classification in this group

*This subclass/group does not cover:*

Bedsteads	<a href="#">A47C 19/00</a>
Stuffed or fluid mattress without a rigid frame for beds or sofas	<a href="#">A47C 27/00</a>
Upholstery attaching means	<a href="#">A47C 31/02</a>
Springs in general	<a href="#">F16F</a>
Testing of furniture, e.g. seats or mattresses	<a href="#">G01M 99/001</a>

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Bedstead	Bed frame having non-elastic support forming lowest part of the bed
Spring mattress with rigid frame	Mattress having a rigid frame and elastic elements fixed to the rigid frame. Such mattress can be positioned on top of the bedstead, e.g. box-springs or directly on the floor, e.g. divan or slatted bed bases
Stuffed or fluid mattress	Mattress without a rigid frame stuffed with fibrous material, foam, fluid or springs. Such mattress can be placed on top of bedstead, box-spring, or

	directly on the floor, e.g. futon.
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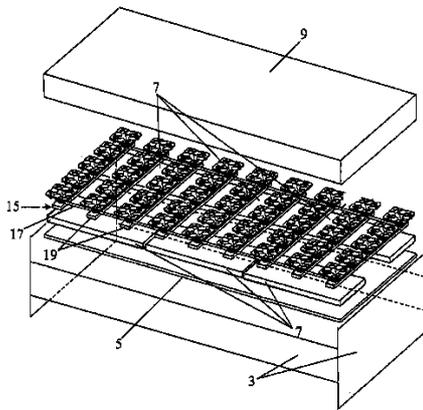
**A47C 23/002**

[N: with separate support elements, e.g. elastomeric springs arranged in a two-dimensional matrix pattern]

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



NL1021778C

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Spring mattress with rigid frame having springs of special type	<a href="#">A47C 23/0438</a>
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**A47C 23/005**

[N: foldable or dismantable]

**References relevant to classification in this group**

*This subclass/group does not cover:*

Foldable travelling or camp beds	<a href="#">A47C 17/68</a> <a href="#">A47C 17/70</a> <a href="#">A47C 17/74</a>
Dismountable bedsteads	<a href="#">A47C 19/005</a>

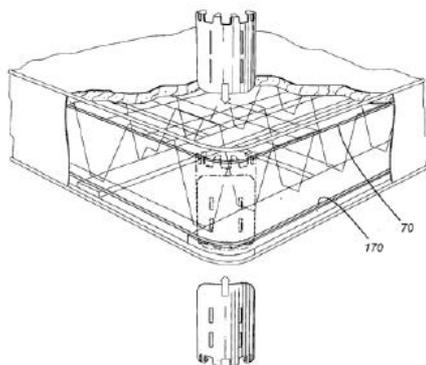
Folding bedsteads	<a href="#">A47C 19/12</a>
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## A47C 23/007

[N: Edge stiffeners (for chair seats [A47C7/34B1](#); for stuffed mattresses [A47C 27/06](#))]

### Definition statement

*This subclass/group covers:*



US2007011818

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with seat having compressed springs with edge reinforcement	<a href="#">A47C7/34B1</a>
Stuffed or fluid mattresses without a rigid frame having ticking or covers with edge welts or rolls	<a href="#">A47C 27/003</a>
Stuffed or fluid mattresses without a rigid frame having spring inlays with edge stiffeners	<a href="#">A47C 27/066</a>
Edge welts for upholstery in general	<a href="#">B68G 7/105</a>

## A47C 23/02

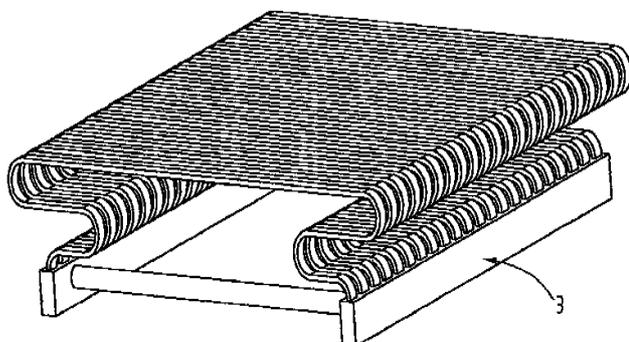
using leaf springs, e.g. metal strips (wooden springs [A47C](#)

**23/06)**

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



WO2007049135

**References relevant to classification in this group**

*This subclass/group does not cover:*

Chairs with movable-coupled seat and backrest characterised by leaf spring	<a href="#">A47C 1/03277</a>
Chairs with elastically-mounted backrest or backrest-seat-unit in the base frame characterised by leaf springs	<a href="#">A47C 7/445</a>
Chairs with tensioned springs, e.g. of flat type	<a href="#">A47C 7/28</a>
Slatted wooden bed bases	<a href="#">A47C 23/06</a>
Mattress with rigid frame using tensioned springs, e.g. flat type	<a href="#">A47C 23/12</a>

**A47C 23/04**

**using springs in compression, e.g. coiled**

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group

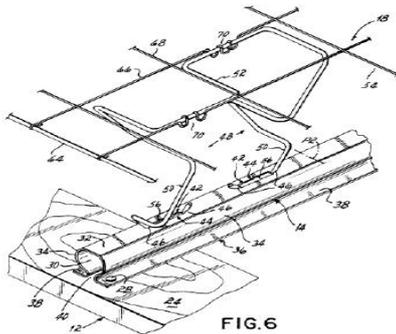
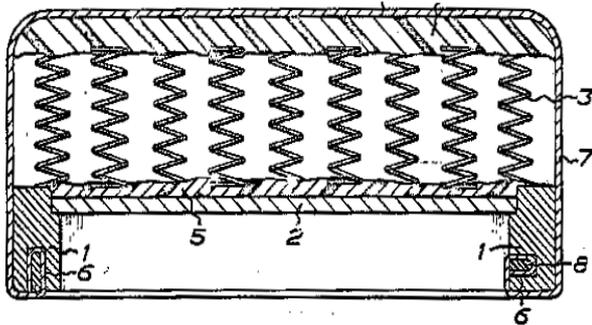


FIG. 6

DE2536882 US5749108

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with seat parts having springs in compression, e.g. coil springs	<a href="#">A47C 7/34</a>
Spring mattresses with rigid frame having combination of nets with springs in compression	<a href="#">A47C 23/32</a>
Stuffed or fluid mattress without a rigid frame for beds or sofas with spring inlays	<a href="#">A47C 27/04</a>
Upholstery attaching means	<a href="#">A47C 31/02</a>
Making wire network, e.g. wire nets for spring mattresses	<a href="#">B21F 27/16</a>
Mounting of mattress innersprings on border frames	<a href="#">B21F 33/025</a>
Springs in general	<a href="#">F16F</a>

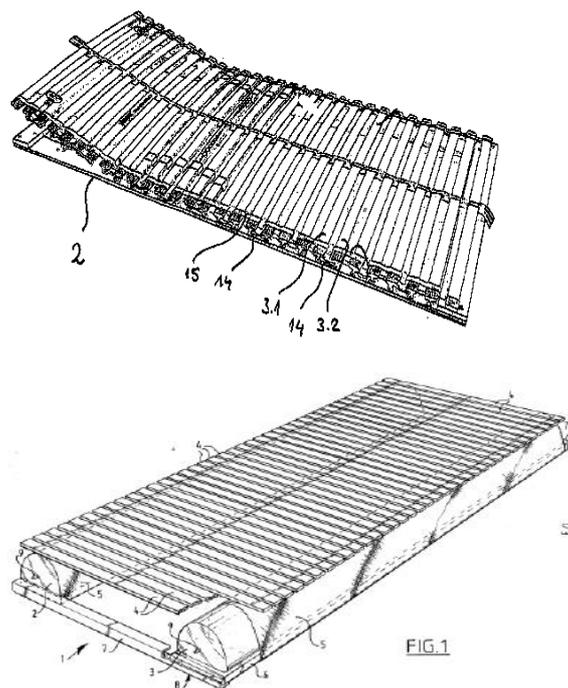
## A47C 23/06

using wooden springs, e.g. of slat type; [N: Slatted bed bases]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



DE202009005204U WO9917640

### References relevant to classification in this group

*This subclass/group does not cover:*

Spring mattresses with rigid frame with leaf springs	<a href="#">A47C 23/02</a>
Mattress with rigid frame using tensioned springs, e.g. flat type	<a href="#">A47C 23/12</a>

## A47C 23/12

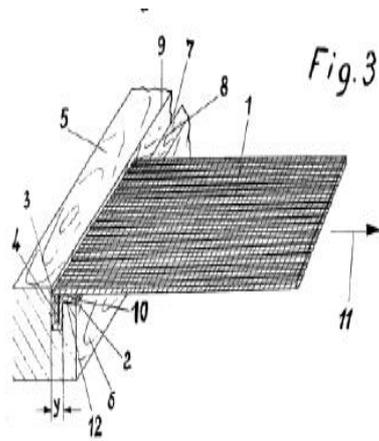
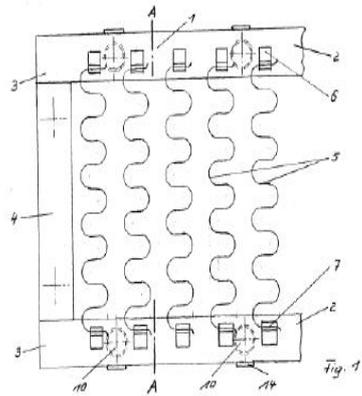
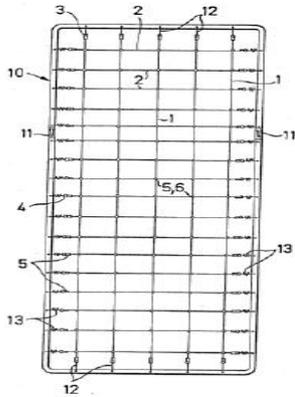
using tensioned springs, e.g. flat type ([A47C 23/02](#) takes

precedence)

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



NL7302612 DE19913523 DE1237745

**References relevant to classification in this group**

*This subclass/group does not cover:*

Chairs with tensioned springs, e.g. of flat type	<a href="#">A47C 7/28</a>
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Spring mattresses with rigid frame with leaf springs	<a href="#">A47C 23/02</a>
Slatted wooden bed bases	<a href="#">A47C 23/06</a>

## A47C 23/30

using combinations of springs covered by more than one of the groups [A47C 23/04](#), [A47C 23/06](#) and [A47C 23/12](#); Frames therefor

### Definition statement

*This subclass/group covers:*

Mattresses with rigid frame using combination of compressed springs, wooden springs and/or tensioned springs

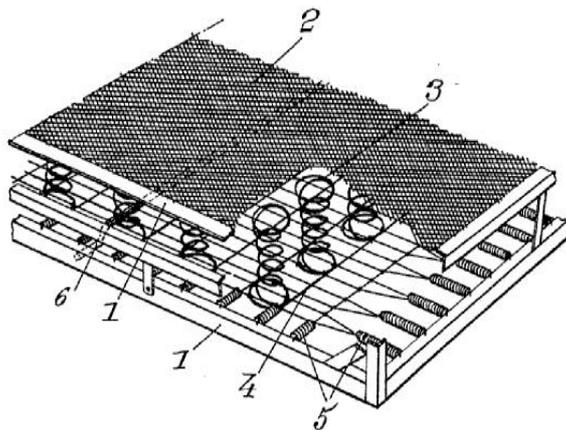


FIG. 1.

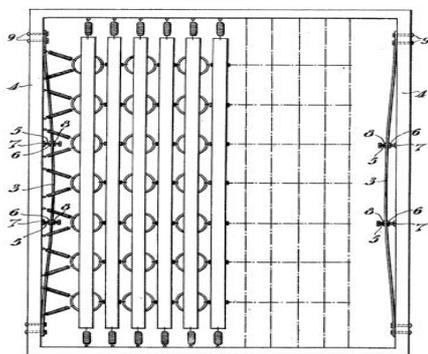
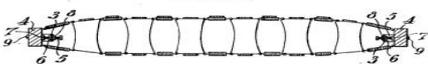


FIG. 2.



FR1012674 GB511347

## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with seats having combination of different springs	<a href="#">A47C 7/35</a>
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### **A47C 25/00**

**Unframed spring units**

### **A47C 27/00**

**Stuffed or fluid mattresses specially adapted for chairs, beds or sofas (arrangements for preventing bed-sores or for supporting patients with burns, e.g. mattresses specially adapted therefor, [A61G 7/057](#); ready-made upholstery pads in general [B68G 5/00](#); making mattresses [B68G 7/00](#) )**

### **Definition statement**

*This subclass/group covers:*

Stuffed or fluid mattress without a rigid frame for chairs, beds or sofas

## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with detachable or loose seat cushions	<a href="#">A47C 7/021</a>
Bedsteads	<a href="#">A47C 19/00</a>
Mattresses with rigid frame, e.g. spring boxes	<a href="#">A47C 23/00</a>
Upholstery attaching means	<a href="#">A47C 31/02</a>
Sacks or packs convertible into beds or mattresses	<a href="#">A45F 4/06</a>
Mattresses for children's beds	<a href="#">A47D 15/001</a>
Show stands for furniture e.g. beds or mattresses	<a href="#">A47F 7/30</a>
Medical beds with arrangement for	<a href="#">A61G 7/057</a>

preventing bed-sores or for supporting the patients with burns	
Making wire network, e.g. wire nets for spring mattresses	<a href="#">B21F 27/16</a>
Resilient upholstery pads in general	<a href="#">B68G 5/00</a>
Manufacturing mattresses	<a href="#">B68G 7/00</a>
Machines for sewing quilts or mattresses	<a href="#">D05B 11/00</a>
Springs in general	<a href="#">F16F</a>
Testing of furniture, e.g. seats or mattresses	<a href="#">G01M 99/001</a>
Production of mattresses or cushion by moulding	<b>L29C531/00</b>
Production of upholstery by moulding	<b>L29C601/00</b>

## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Bedstead	Bed frame having non-elastic support forming lowest part of the bed
Spring mattress with rigid frame	Mattress having a rigid frame and elastic elements fixed to the rigid frame. Such mattress can be positioned on top of the bedstead, e.g. box-springs or directly on the floor, e.g. divan or slatted bed bases
Stuffed or fluid mattress	Mattress without a rigid frame stuffed with fibrous material, foam, fluid or springs. Such mattress can be placed on top of bedstead, box-spring, or directly on the floor, e.g. futon.

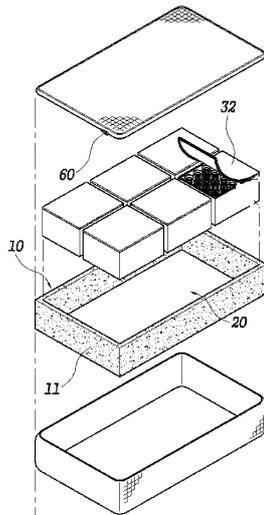
## A47C 27/001

[N: with several cushions, mattresses or the like, to be put together in one cover]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



WO2009048209

### References relevant to classification in this group

*This subclass/group does not cover:*

Seating furniture convertible to bed with loose or connected by the fabric hinge cushions	<a href="#">A47C 17/045</a>
Foamed mattresses with several layers	<a href="#">A47C 27/15</a>
Medical beds with arrangements for preventing bed-sores having modules blocks, or inserts, with layer of different material	<a href="#">A61G 7/05715</a>

## A47C 27/002

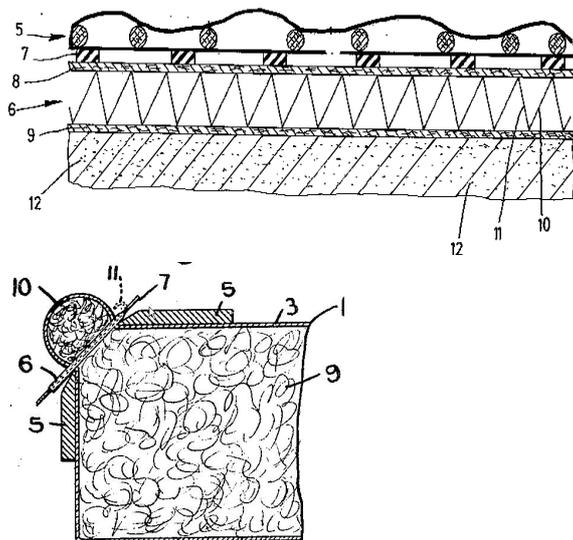
[N: Mattress tickings or covers (bed cover holders [A47C](#)

; mattress hand-straps [A47C 31/08](#); bed linen or counterpanes [A47G 9/0238](#) )]

### Definition statement

*This subclass/group covers:*

Mattress tickings or cover forming integral part of the mattress



DE20309794U US1450102

### References relevant to classification in this group

*This subclass/group does not cover:*

Beds with sheet holders or bed cover holders	<a href="#">A47C 21/02</a>
Mattress hand straps	<a href="#">A47C 31/08</a>
Loose or removable mattress covers	<a href="#">A47C 31/105</a>
Bed Linen; Blankets, Counterpanes	<a href="#">A47G 9/02</a>
Travelling rugs; Sleeping rugs;	<a href="#">A47G 9/06</a>
Sleeping bags	<a href="#">A47G 9/08</a>
Medical beds with dispensers of disposable sheets	<a href="#">A61G 7/0502</a>
Devices for preventing wetting or pollution of the bed, e.g. absorbent	<a href="#">A61F 5/48</a>

protective pads	
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## Informative references

Attention is drawn to the following places, which may be of interest for search:

Use of three-dimensional fabrics	<a href="#">A47C 31/006</a>
Anti-mite, anti-allergen or anti-bacterial means	<a href="#">A47C 31/007</a>

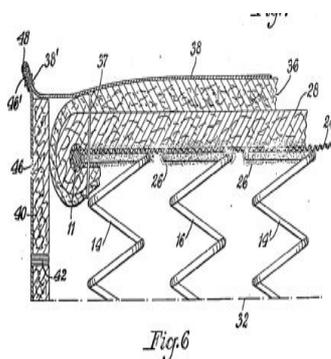
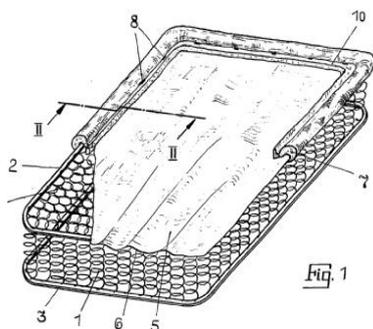
## A47C 27/04

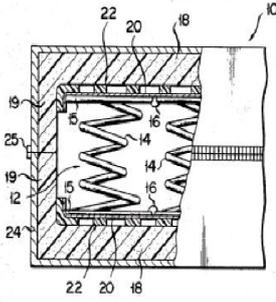
with spring inlays ([A47C 27/20](#) takes precedence)

### Definition statement

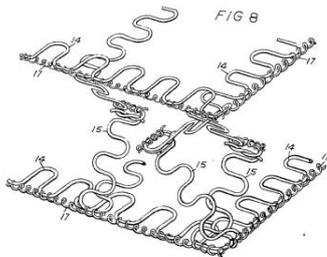
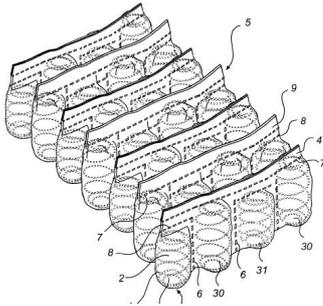
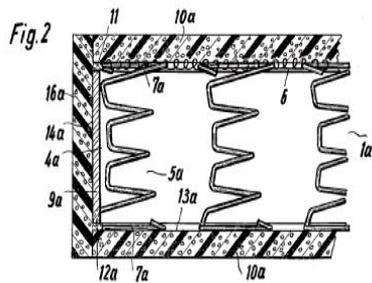
*This subclass/group covers:*

Mattresses without a rigid frame stuffed with springs e.g. helical springs





DE1232712 DE1429452 US4476595



US3920609 WO2004039215 GB704611

### References relevant to classification in this group

*This subclass/group does not cover:*

Chairs with seat parts having springs in compression, e.g. coil springs	<a href="#">A47C 7/34</a>
Spring mattresses with rigid frame having springs in compression, e.g. coiled springs	<a href="#">A47C 23/04</a>

Spring mattress with rigid frame having combination of nets with springs in compression	<a href="#">A47C 23/32</a>
Foamed mattresses with springs moulded in, or situated in cavities or openings in foam materials	<a href="#">A47C 27/20</a>
Upholstery attaching means	<a href="#">A47C 31/02</a>
Manufacturing mattresses	<a href="#">B68G 7/00</a>
Springs in general	<a href="#">F16F</a>

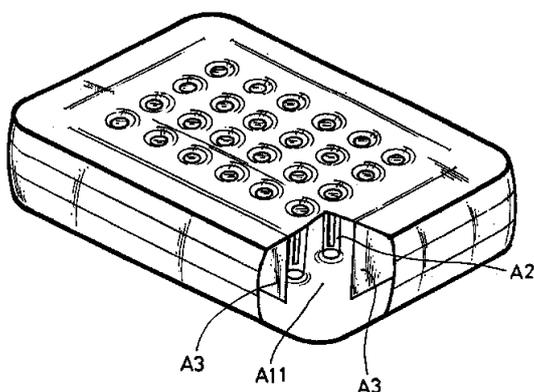
## A47C 27/081

### [N: Pneumatic mattresses]

#### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



US7150060

#### References relevant to classification in this group

*This subclass/group does not cover:*

Inflatable chairs	<a href="#">A47C 4/54</a>
Chairs with lumbar support adjustable by fluid means	<a href="#">A47C 7/467</a>

Beds with fluid means adjustable inclination	<a href="#">A47C 20/048</a>
Spring mattresses with rigid frame with inflatable elements	<a href="#">A47C 23/047</a>
Liquid mattresses	<a href="#">A47C 27/085</a>
Fibrous mattresses with inflatable elements	<a href="#">A47C 27/128</a>
Foam mattresses with inflatable bodies	<a href="#">A47C 27/18</a>
Inflatable pillows	<a href="#">A47G 9/1027</a>
Bed covers, counterpanes, travelling rugs or sleeping rugs with inflatable means	<a href="#">A47G 2009/003</a>
Medical beds with arrangements for preventing the bed-sores having inflatable chambers	<a href="#">A61G 7/05769</a>
Vehicle seats with hydro-pneumatic adjustments of the shape	<a href="#">B60N 2/4415</a> <a href="#">B60N 2/7082</a>
Devices for lowering persons from buildings by making use of jumping devices, e.g. jumping-mattresses	<a href="#">A62B 1/22</a>
Tents or canopies with inflatable mattresses	<a href="#">E04H 2015/208</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Fluid mattress with means for connecting opposite sides of the mattress, e.g. internal ties or strips	<a href="#">A47C 27/087</a>
Fluid mattress filled with elastic bodies, e.g. foam	<a href="#">A47C 27/088</a>

Fluid mattress with plurality independently-fillable chambers	<a href="#">A47C 27/10</a>
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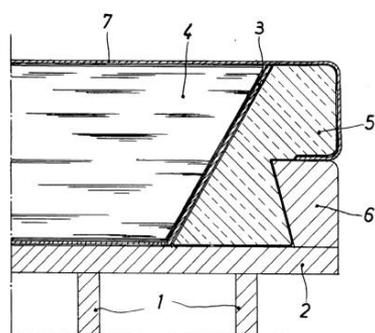
## A47C 27/085

[N: Liquid mattresses, e.g. filled with water or gel]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



DE19542135

### References relevant to classification in this group

*This subclass/group does not cover:*

Medical beds with arrangements for preventing the bed-sores having fluid like particles, e.g. sand, mud, seeds, gel, beads	<a href="#">A61G 7/05738</a>
Bed covers, counterpanes, travelling rugs or sleeping rugs with liquid means	<a href="#">A47G 2009/008</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Fluid mattress filled with elastic bodies, e.g. foam	<a href="#">A47C 27/088</a>
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Fluid mattress with plurality independently-fillable chambers	<a href="#">A47C 27/10</a>
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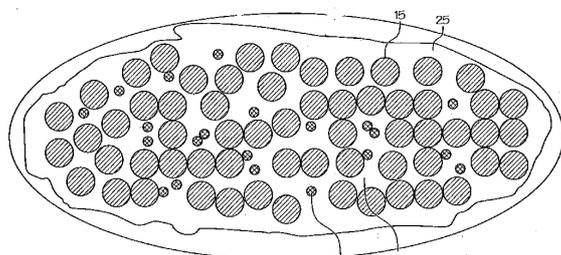
## A47C 27/086

[N: Fluid-like particles mattresses, e.g. filled with beads]

### Definition statement

*This subclass/group covers:*

Mattresses or cushions filled with beans, balls, beads, granules, seeds, pellets, spheres, chips or other small particles



WO2009029806

### References relevant to classification in this group

*This subclass/group does not cover:*

Medical beds with arrangements for preventing the bed-sores having fluid like particles, e.g. sand, mud, seeds, gel, beads	<a href="#">A61G 7/05738</a>
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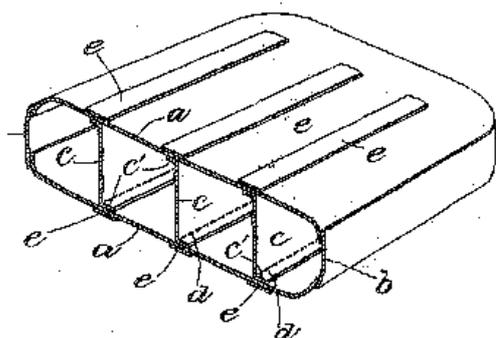
## A47C 27/087

[N: with means for connecting opposite sides of the mattress, e.g. internal ties or strips]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



US818321

## A47C 27/088

[N: Fluid mattresses filled with elastic bodies, e.g. foam]

### Definition statement

*This subclass/group covers:*

Fluid mattresses filled with elastic bodies, e.g. foam or coil springs, forming additional suspension inside the mattress

### References relevant to classification in this group

*This subclass/group does not cover:*

Fluid-like particles mattresses, e.g. filled with beads	<a href="#">A47C 27/086</a>
Foam mattresses with inflatable bodies	<a href="#">A47C 27/18</a>

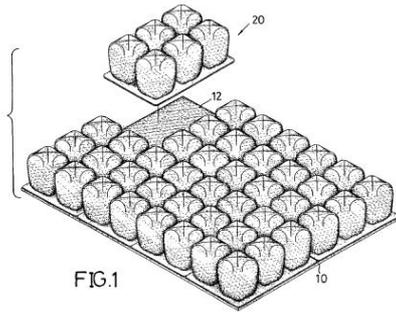
## A47C 27/10

with two or more independently-fillable chambers

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



GB2392088

### References relevant to classification in this group

*This subclass/group does not cover:*

Medical beds with arrangements for preventing the bed-sores having two groups of alternately inflated chambers	<a href="#">A61G 7/05776</a>
Vehicle seats with hydro-pneumatic adjustments of the shape	<a href="#">B60N 2/4415</a> <a href="#">B60N 2/7082</a>

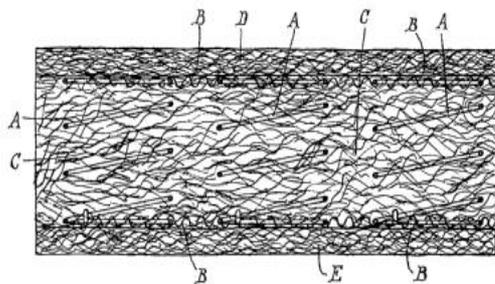
### A47C 27/12

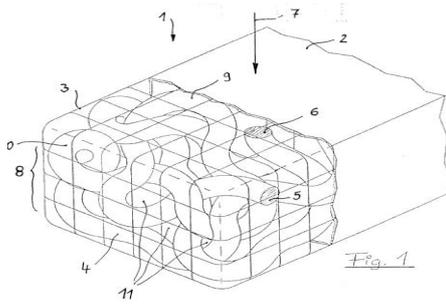
with fibrous inlays, e.g. made of wool, of cotton

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group





GB735469 DE9113467U

**References relevant to classification in this group**

*This subclass/group does not cover:*

Mattresses with both fibrous and foamed inlays	<a href="#">A47C 27/22</a>
Mattresses for children's beds	<a href="#">A47D 15/001</a>
Finishing upholstery mainly composed of fibrous material	<a href="#">B68G 11/02</a>

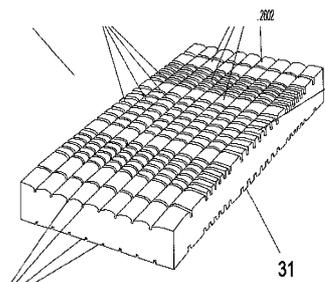
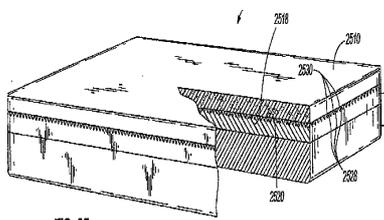
**A47C 27/14**

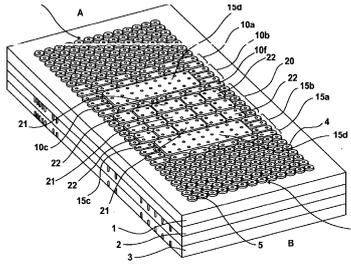
**with foamed material inlays**

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group





## References relevant to classification in this group

*This subclass/group does not cover:*

Chairs completely made of foam material	<a href="#">A47C 5/125</a>
Chairs with seats having foamed material including in cushioning part	<a href="#">A47C 7/18</a>
Stuffed mattresses for beds or sofas with spring inlays having foam material in top, bottom or side layers	<a href="#">A47C 27/05</a>
Fluid mattress filled with elastic bodies, e.g. foam	<a href="#">A47C 27/088</a>
Mattresses with both fibrous and foamed inlays	<a href="#">A47C 27/22</a>
Mattresses for children's beds	<a href="#">A47D 15/001</a>
Medical beds with arrangements for preventing the bed-sores having integral body-bearing projections or protuberances	<a href="#">A61G 7/05707</a>
Medical beds with arrangements for preventing the bed-sores having modules blocks, or inserts, with layers of different material	<a href="#">A61G 7/05715</a>
Medical beds with arrangements for preventing the bed-sores having cut-outs or depressions in order to relieve the pressure on the parts of the body	<a href="#">A61G 7/05723</a>
Resilient upholstery pads of cellular material, e.g. sponge rubber	<a href="#">B68G 5/02</a>

Finishing upholstery mainly composed of resilient material, e.g. foam rubber	<a href="#">B68G 11/04</a>
Production of mattresses or cushion by moulding	<b>L29C531/00</b>
Production of seats by moulding	<b>L29C583/00</b>
Production of upholstery by moulding	<b>L29C601/00</b>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Fluid-like particles mattresses, e.g. filled with beads	<a href="#">A47C 27/086</a>
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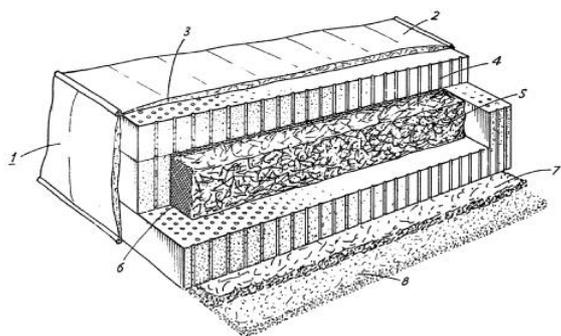
### A47C 27/22

with both fibrous and foamed material inlays

#### Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group



DE8533414U

### Relationship between large subject matter areas

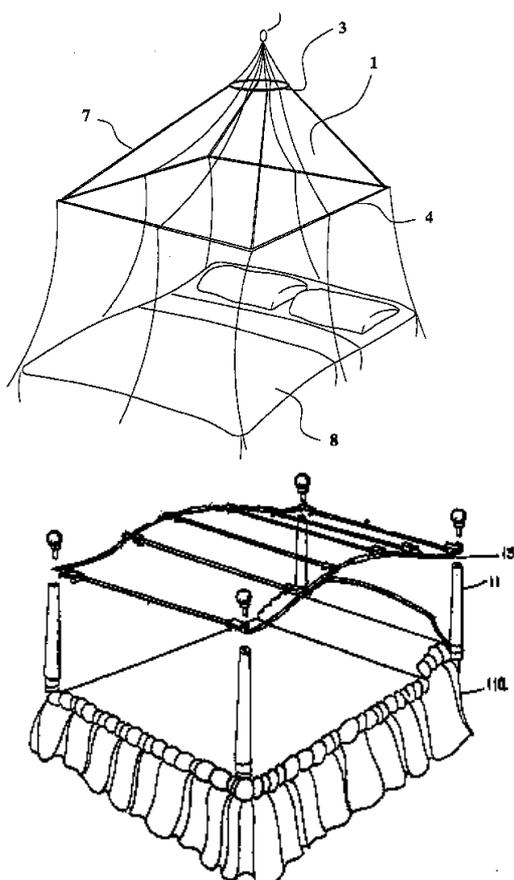
### A47C 29/00

**Nets for protection against insects in connection with chairs or beds; (insect nets for animals [A01K 13/00](#); insect nets as travelling equipment [A45F 3/52](#)); Bed canopies**

**Definition statement**

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



GB1210201

**References relevant to classification in this group**

*This subclass/group does not cover:*

Insects nets for animals	<a href="#">A01K 13/00</a>
Travelling or camp articles with nets affording protection against insects	<a href="#">A45F 3/52</a>
Isolation chambers used for isolating individuals from external stimuli	<a href="#">A61M 21/0094</a>
Tents or canopies with inflatable mattresses	<a href="#">E04H 2015/208</a>

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## Informative references

Attention is drawn to the following places, which may be of interest for search:

Seating or laying furniture with anti-earthquake means	<a href="#">A47C 31/002</a>
Children's beds	<a href="#">A47D 7/00</a>

### A47C 31/00

Details or accessories for chairs, beds, or the like, not provided for in other groups of this subclass, e.g. upholstery fasteners, mattress protectors, stretching devices for mattress nets

### A47C 31/001

[N: Fireproof means]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group

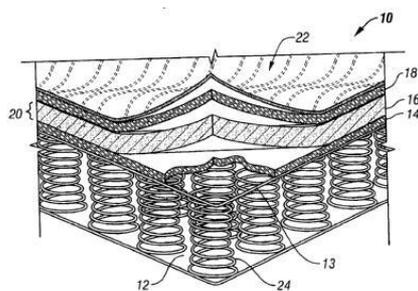


FIG. 2

US2006048301

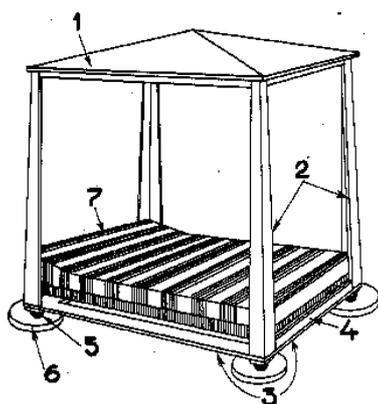
### A47C 31/002

[N: Anti-earthquake means]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



### References relevant to classification in this group

*This subclass/group does not cover:*

Isolation chambers used for isolating individuals from external stimuli	<a href="#">A61M 21/0094</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Bed canopies	<a href="#">A47C 29/003</a>
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## A47C 31/003

[N:Magnets]

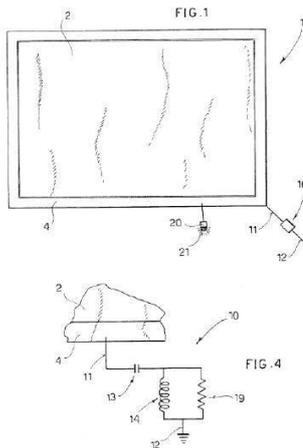
## A47C 31/004

[N: Means for protecting against undesired influence, e.g. magnetic radiation or static electricity]

### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



WO0074461

## A47C 31/005

[N: Use of aromatic materials, e.g. herbs]

### Definition statement

*This subclass/group covers:*

Seating or laying furniture using aromatic materials, e.g. herbs

### References relevant to classification in this group

*This subclass/group does not cover:*

Bed-covers, counterpanes, travelling rugs, sleeping rugs, sleeping bags or pillows comprising deodorising or fragrance realising substance	<a href="#">A47G 9/007</a>
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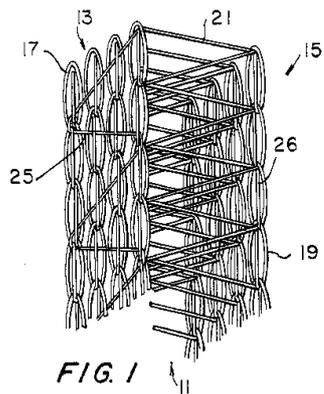
## A47C 31/006

[N: Use of three-dimensional fabrics]

### Definition statement

*This subclass/group covers:*

Seating or laying furniture with three-dimensional fabric or spacer fabric



## A47C 31/02

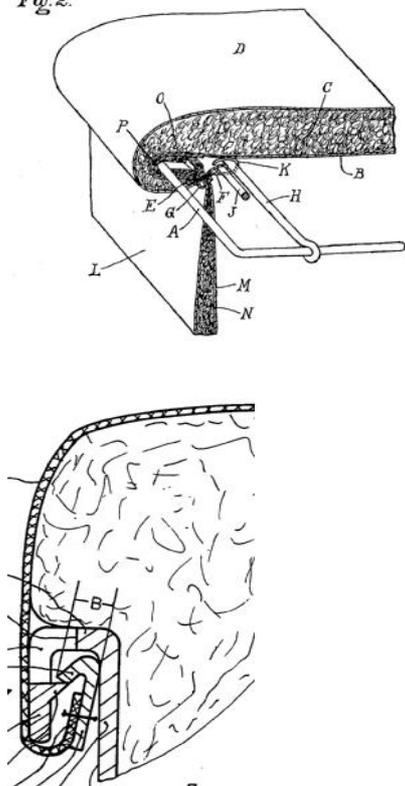
Upholstery attaching means (quilting, quilting means, fastening, fixing or finishing upholstery [B68G 7/00](#) )

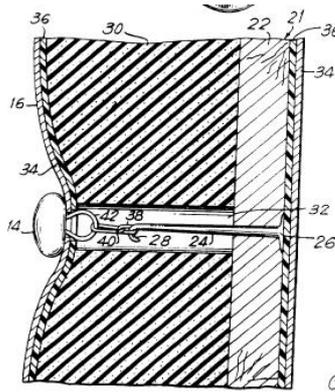
### Definition statement

*This subclass/group covers:*

Upholstery attaching means of seating or laying furniture not provide for in other part of the classification

Fig. 2.





GB693314 EP0372340 USRE27336

## References relevant to classification in this group

*This subclass/group does not cover:*

Attachment of upholstery or fabric to frames of foldable chairs with inflexible seats	<a href="#">A47C 4/06</a>
Attachment of upholstery or fabric to frames of foldable chairs with flexible coverings	<a href="#">A47C 4/30</a>
Attachment of upholstery or fabric to frame of tubular metal chairs	<a href="#">A47C 5/06</a>
Attachment of covering in vehicle seat	<a href="#">B60N 2/58</a>
Making upholstery	<a href="#">B68G 7/00</a>
Elements specially adapted for fastening, fixing, or finishing, in upholstery work	<a href="#">B68G 7/12</a>

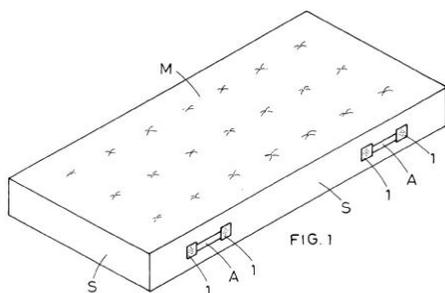
## A47C 31/08

### Mattress hand-straps

#### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



EP1741365

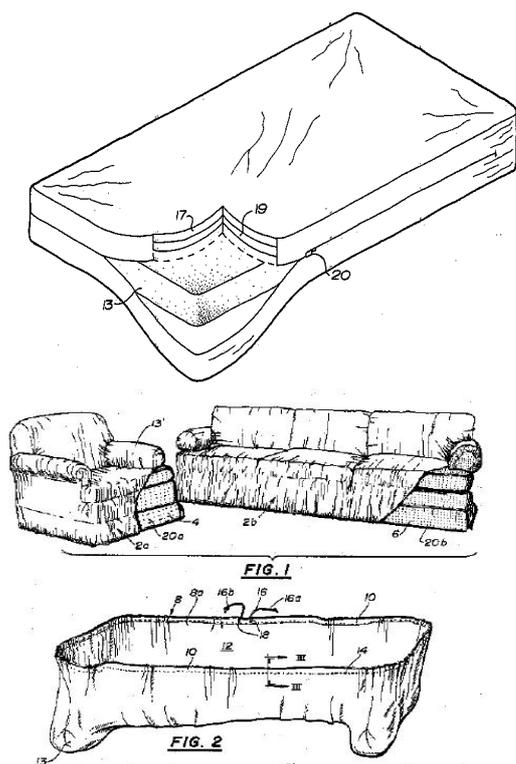
## A47C 31/10

### Loose [N: or removable] furniture covers

#### Definition statement

*This subclass/group covers:*

Illustrative example of subject matter classified in this group



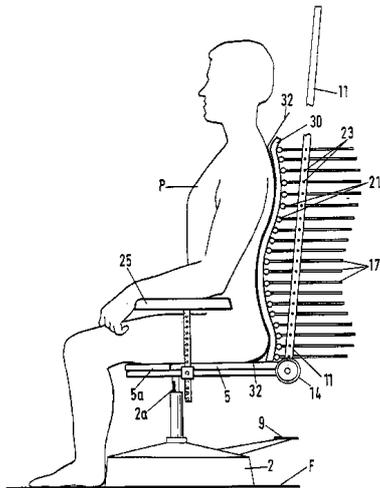
US5007123 US4838610

#### References relevant to classification in this group

*This subclass/group does not cover:*

Removable or loose covers for chairs'	<a href="#">A47C 7/386</a>
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FR2777077 EP0792604

### References relevant to classification in this group

*This subclass/group does not cover:*

Devices for taking measurements on the human body for manufacturing clothing	<a href="#">A41H 1/02</a>
Measuring of the body profile for diagnostic purpose	<a href="#">A61B 5/1077</a>
Testing of furniture, e.g. seats or mattresses	<a href="#">G01M 99/001</a>