

B27N

MANUFACTURE BY DRY PROCESSES OF ARTICLES, WITH OR WITHOUT ORGANIC BINDING AGENTS, MADE FROM PARTICLES OR FIBRES CONSISTING OF WOOD OR OTHER LIGNOCELLULOSIC OR LIKE ORGANIC MATERIAL (containing cementitious material B28B; shaping of substances in a plastic state B29C; fibreboards made from fibrous suspensions D21J; drying F26B17/00)

Synonyms and Keywords

In patent documents the following abbreviations are often used:

CTMP	chemithermomechanical pulp
TMP	thermomechanical pulp
HDF	high density fibreboard
MDF	medium density fibreboard
OSB	oriented strand board

B27N 1/00

Pretreatment of moulding material

Informative references

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

Manufacture of wood shavings, chips, powder or the like	B27L 11/00
Fibrous raw materials or their mechanical treatment	D21B 1/00

B27N 1/0263

[N: by spraying the agent on the falling material, e.g. with the material sliding along an inclined surface, using rotating elements or nozzles (B27N1/0254 takes precedence)]

Informative references

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

Spraying a fluid on falling particles	B01F 5/205
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B27N 3/00

Manufacture of substantially flat articles, e.g. boards, from particles or fibres

Definition statement

This subclass/group covers:

Manufacture of substantially flat articles, e.g. boards, from particles or fibres

B27N 3/06

Making particle boards or fibreboards, with preformed covering layers, the particles or fibres being compressed with the layers to a board in one single pressing operation

References relevant to classification in this group

This subclass/group does not cover:

Lamination of pressed boards	B32B 31/00
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Informative references

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

(Laminated) flooring	E04F 15/00
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B27N 3/14

Distributing or orienting the particles or fibres

Informative references

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

Feeding fibres to machines	D01G 23/00
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B27N 3/143

[N: Orienting the particles or fibres]

Informative references

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

Roller screens	B07B 1/14
Roller screen using corrugated, grooved or ribbed rollers	B07B 1/15

B27N 3/24

characterised by using continuously acting presses having endless belts or chains moved within the compression zone

Informative references

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

Veneer presses; Press plates; Plywood presses with endless arrangement of moving press plates, belts or the like	B27D 3/04
Wherein the pressing means is in the form of an endless band co-operating with an another endless band	B30B 5/06

B27N 3/28

characterised by using extrusion presses

Informative references

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

Extrusion presses in general of plastics or substances in a plastic state	B29C 47/00
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B27N 5/00

Manufacture of non-flat articles

Informative references

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

Solid fuels essentially based on vegetable substances, i.e. wood pellets	C10L 5/44
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B27N 7/00

After-treatment, e.g. reducing swelling or shrinkage, surfacing; Protecting the edges of boards against access of humidity

Definition statement

This subclass/group covers:

After-treatment, e.g. reducing swelling or shrinkage, surfacing; Protecting the edges of boards against access of humidity

B27N 7/005

[N: Coating boards, e.g. with a finishing or decorating layer]

References relevant to classification in this group

This subclass/group does not cover:

Lamination of pressed boards	B32B 31/00
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B27N 9/00

Arrangements for fireproofing (fireproofing materials C09K21/00)

Definition statement

This subclass/group covers:

Arrangements for fireproofing

