

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1360

DATE: JANUARY 1, 2023

PROJECT DP11661

**The following classification changes will be effected by this Notice of Changes:**

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>DEFINITIONS:</b>		
Definitions Modified:	B25J	1/00, 1/02, 1/04, 1/12
	B25J	3/02, 3/04
	B25J	5/005, 5/007, 5/02
	B25J	7/00
	B25J	9/0003, 9/0012, 9/0081, 9/0084, 9/0093, 9/0096, 9/023, 9/026, 9/041, 9/042, 9/045, 9/046, 9/047, 9/06, 9/101, 9/1025, 9/103, 9/1035, 9/104, 9/1045, 9/1065, 9/107, 9/1075, 9/1085, 9/109, 9/1095, 9/123, 9/126, 9/1682
	B25J	13/003, 13/06
	B25J	15/0023, 15/04, 15/0491, 15/0616, 15/12
	B25J	17/0216, 17/0266
	B25J	18/025, 18/06
	B25J	19/0004, 19/0008, 19/0012, 19/0016, 19/002, 19/0025, 19/0029, 19/005, 19/0054, 19/0075, 19/0079, 19/0091, 19/061

**No other subclasses/groups are impacted by this Notice of Changes.**

**This Notice of Changes includes the following [Check the ones included]:**

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3.  REVISION CONCORDANCE LIST (RCL)

4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)

## **2. A. DEFINITIONS (modified)**

### **B25J 1/00**

#### **References**

Delete: The entire Informative references section.

### **B25J 1/02**

#### **Definition statement**

Replace: The text “B25J 1/02” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 5647622”.

#### **References**

Delete: The entire Informative references section.

### **B25J 1/04**

#### **Definition statement**

Replace: The text “B25J 1/04” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 2010102583”.

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## References

### Informative references

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

Replace: The existing Informative references text and table with the following updated table.

Devices for picking apples or like fruits	<a href="#">A01D46/24</a>
Reaching devices in a shop	<a href="#">A47F13/06</a>
Pliers; Other hand-held gripping tools with jaws on pivoted limbs	<a href="#">B25B7/00</a>
Hand-held gripping tools other than those covered by group <a href="#">B25B7/00</a>	<a href="#">B25B9/00</a>
Hand implements for removing undesirable matter, e.g. litter pickers	<a href="#">E01H1/12</a>

## B25J 1/12

### Definition statement

Delete: The text “DE 102008013729” from the Definition statement

## References

Delete: The entire Informative references section.

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## **B25J 3/02**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Master-slave manipulators having a mechanical connection between the master unit and the slave unit (e.g. connection by shafts, rods, wires, etc).

Illustrative example of subject matter classified in this group:

Delete: The text "WO 9718927".

### **References**

Delete: The entire Informative references section.

## **B25J 3/04**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Master-slave manipulators having an electrical connection between the master unit and the slave unit (i.e. the movements of the master unit are transformed into electrical signals for controlling actuators of the slave unit).

Illustrative example of subject matter classified in this group:

Delete: The text "US 6197017".

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## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Control bars electrically connected to slave parts	3C007/JT04
Having reaction force sensing functions	3C007/JT05
Correspondence relationships between main parts and slave parts changeable	3C007/JT06
Having additional setting functions	3C007/JT07
Providing manipulators per se as control bars	3C007/JT09
Realization or copying human motions	3C007/JT10

## B25J 5/005

### Definition statement

Replace: The text “B25J 5/005” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 2009095096”.

## References

### Informative references

Delete: The following text and table from the Informative references section.

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Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Crawlers	3C007/WA17
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## **B25J 5/007**

### **Definition statement**

Replace: The text “B25J 5/007” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0008981”.

### **References**

#### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Wheel-type autonomous robots	3C007/WA16
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## **B25J 5/02**

### **Definition statement**

Replace: The text “B25J 5/02” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

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Delete: The text “EP 0705665”.

## References

Delete: The entire Informative references section.

## B25J 7/00

### Definition statement

Replace: The existing Definition statement text with the following updated text.

Manipulators performing tasks at a level of precision that can usually not be achieved by the unaided human hand.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0906813”.

## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Micromanipulators	3C007/BS30
Structure / purpose of micromanipulators	3C007/XG00

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## **B25J 9/0003**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Robots which operates semi- or fully autonomously to perform services useful to the well-being of humans and equipment, excluding manufacturing operations.

Illustrative example of subject matter classified in this group:

Delete: The text "US 2005091684".

### **References**

#### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Robots for service	3C007/AS34
Robots for medical treatment	3C007/AS35
Robots for entertainment	3C007/AS36

## **B25J 9/0012**

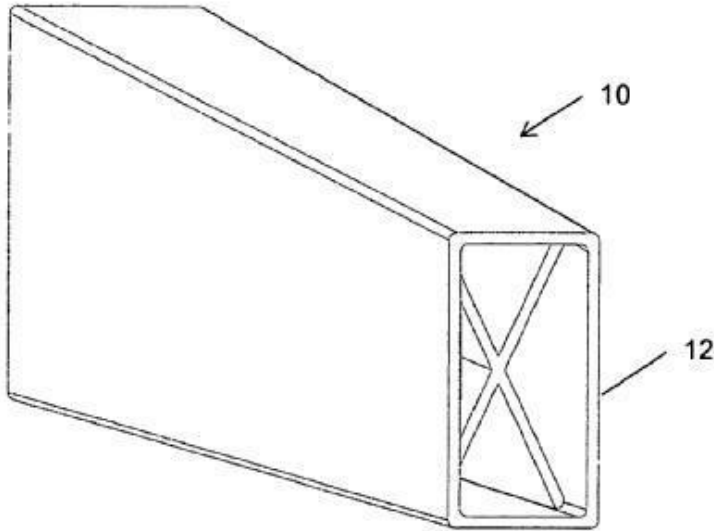
### **Definition statement**

Replace: The text "B25J 9/0012" in the Definition statement with "this group:".

Illustrative example of subject matter classified in this group:



Delete: The text “US 2010304097”.



Insert: The following new text beneath the image in the Definition statement.

This group relates to, but is not limited to, providing a design solution that overcomes the heavy weight of robot structures that are expected to handle heavy payloads with high speeds through complex spatial trajectories at a long reach while preserving high positional accuracy and dynamic performance, by applying composite materials to robot structures.

## References

Delete: The entire Informative references section.

## Glossary of terms

*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The term “artifical” with the corrected spelling “artificial” in the Glossary of terms table.

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Synthetic materials	Man-made materials made of artificial chemicals as opposed to organic ones. They include plastics (polythene, polystyrene), synthetic fibres (nylon, acrylics, polyesters), synthetic resins and synthetic rubber
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**B25J 9/0081**

**Definition statement**

Replace: The text “B25J 9/0081” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 4283764”.

**References**

**Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Teaching auxiliary tool	3C007/JU07
Mount hand	3C007/JU08
Teaching by man power	3C007/LS02

**Glossary of terms**

In this place, the following terms or expressions are used with the meaning indicated:

Replace: The term “master” with “Master” in the Glossary of terms table.

Master teach-in means	Devices manually moved in space by an operator for teaching the path of a manipulator.
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## **B25J 9/0084**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Both robotic installation comprising several manipulators and manipulators comprising two arms connected to a single basis.

Illustrative example of subject matter classified in this group:

Delete: The text "FR 2874190".

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 9/0093**

### **Definition statement**

Replace: The text "B25J 9/0093" in the Definition statement with "this group:".

Illustrative example of subject matter classified in this group:

Delete: The text "EP 0512126".

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## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Work object movable by conveyor	3C007/NS02
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### B25J 9/0096

#### Definition statement

Replace: The text “B25J 9/0096” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “WO 9104522”.

## References

### Informative references

Delete: The entire Informative references section.

### B25J 9/023

#### Definition statement

Replace: The existing Definition statement text with the following updated text.

Manipulators consisting of prismatic joints connected in series and allowing movements along perpendicular axis.

Illustrative example of subject matter classified in this group:

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Delete: The text “US 6264419”.

## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Cartesian coordinates robots with two degrees of freedom	3C007/BS02
Cartesian coordinates robots with three degrees of freedom	3C007/BS03

## B25J 9/026

### Definition statement

Replace: The existing Definition statement text with the following updated text.

Cartesian coordinate type manipulators having three prismatic joints, wherein one joint is formed by a carriage running on an overhead horizontal beam supported at its two ends by other beams.

Illustrative example of subject matter classified in this group:

Delete: The text “GB179322”.

## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Gantry type robots	3C007/BS05
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## **B25J 9/041**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Manipulators having a kinematic chain including at least a revolute joint and arranged so that the working envelope of the manipulator is a cylinder. The kinematic chain usually includes a revolute joint having a vertical axis and two prismatic joints having respectively a vertical and a horizontal axis.

Illustrative example of subject matter classified in this group:

Delete: The text "US4642212".

### **References**

Delete: The entire Informative references section.

## **B25J 9/042**

### **Definition statement**

Delete: The text "EP 1671755".

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 9/045**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

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Manipulators having a kinematic chain comprising two revolute joints and a prismatic joint arranged so that the working envelope of the manipulator is a part of a sphere.

Illustrative example of subject matter classified in this group:

Delete: The text "US3784031".

## References

### Informative references

Delete: The entire Informative references section.

## B25J 9/046

### Definition statement

Replace: The existing Definition statement text with the following updated text.

Manipulators having a kinematic chain including at least two subsequent revolute joints having parallel horizontal axis.

The most common revolute coordinate type manipulators have six revolute joints: a first joint having a vertical axis between a basis and a carousel, a second joint between the carousel and a lower arm, a third joint between the lower arm and an upper arm, the second and third joint having parallel horizontal axis and three further joints for the wrist.

Illustrative example of subject matter classified in this group:

Delete: The text "DE 3939836".

## References

### Informative references

Delete: The entire Informative references section.

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## **B25J 9/047**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Revolute coordinate type manipulators having the axis of the second revolute joint between the carousel and the lower arm being offset from the vertical axis of the first revolute joint between the basis and the carousel.

Illustrative example of subject matter classified in this group:

Delete: The text “DE 29711523 U”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 9/06**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Manipulator arms having multiple articulations placed in series.

Illustrative example of subject matter classified in this group:

Delete: The text “EP0136719”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.



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## **B25J 9/101**

### **Definition statement**

Replace: The text “B25J 9/101” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 20100178101”.

### **References**

#### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Butting and stopping	3C007/CY13
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## **B25J 9/1025**

### **Definition statement**

Replace: The text “B25J 9/101” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 4518308”.

## References

### Informative references

Delete: The entire Informative references section.

### Special rules of classification

Replace: The existing text in the Special rules of classification section with the following updated text.

Harmonic drives consist of three basic parts:

- the circular spline which is a rigid ring with internal teeth, engaging the teeth of the flexspline across the major axis of the wave generator;
- the flexspline which is a non-rigid, thin cylindrical cup with external teeth on a slightly smaller pitch diameter than the circular spline; it fits over and is held in an elliptical shape by the wave generator; and
- the wave generator which is a thin, raced ball bearing fitted onto an elliptical plug serving as a high efficiency torque converter.

The advantages include: no backlash, compactness and light weight, high gear ratios and high torque capability.

## B25J 9/103

### Definition statement

Replace: The text “B25J 9/103” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “JP 63023064”.

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## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Back lash prevention	3C007/HT31
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## B25J 9/1035

### Definition statement

Replace: The text “B25J 9/103” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0218075”.

## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Rack and pinion	3C007/HT22
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## **B25J 9/104**

### **Definition statement**

Replace: The text “B25J 9/104” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0076947”.

### **References**

#### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Flexible transmission member	3C007/HT01
Belt	3C007/HT02
Chain	3C007/HT03
Rope / Wire	3C007/HT04

## **B25J 9/1045**

### **Definition statement**

Replace: The text “B25J 9/1045” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 2002148320”.

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## References

### Informative references

Delete: The entire Informative references section.

### B25J 9/1065

#### Definition statement

Replace: The text “B25J 9/1065” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0396752”.

## References

### Informative references

Delete: The entire Informative references section.

### B25J 9/107

#### Definition statement

Replace: The text “B25J 9/107” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “WO 2010143505”.

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**References****Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Frog-leg type	3C007/BS23
Pantograph mechanisms	5F031/GA44

**B25J 9/1075****Definition statement**

Replace: The text “B25J 9/1075” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 2005121929”.

**References****Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Artificial muscles	3C007/HS21
Type of actuators; Elastic shrink-tubes or rubber bags	3H081/AA18

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## Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Replace: The term “coponent” with the corrected spelling “component” in the Glossary of terms table.

Replace: The term “reversiby” with the corrected spelling “reversibly” in the Glossary of terms table.

Artificial muscle	Generic term used for materials or devices that can reversibly contract, expand, or rotate within one component due to an external stimulus (such as voltage, current, pressure or temperature). Conventional motors and pneumatic linear or rotary actuators do not qualify as artificial muscles because there is more than one component involved in the actuation.
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## B25J 9/1085

### Definition statement

Replace: The text “B25J 9/1085” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 4932210”.

## References

### Informative references

Delete: The entire Informative references section.

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## **B25J 9/109**

### **Definition statement**

Replace: The text “B25J 9/109” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “DE 2742103”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

### **Glossary of terms**

In this place, the following terms or expressions are used with the meaning indicated:

Delete: The phrase “allow to” from the Glossary of terms table.

Mechanical programming means	Mechanical parts having a specific shape which create a periodic movement so that the manipulator can execute a predetermined sequence of operations in a synchronized way.
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## **B25J 9/1095**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Manipulators provided with an actuator directly powered by a chemical reaction or comprising a chemically synthesized material (e.g. a polymer) able to produce mechanical energy when stimulated (e.g. by an electric current).



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Illustrative example of subject matter classified in this group:

Delete: The text “US 2008169729”.

## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Mechano-chemical actuator	3C007/HS07
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## B25J 9/123

### Definition statement

Replace: The text “B25J 9/123” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “DE 102006016195”.

## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Linear motors	3C007/HS26
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## **B25J 9/126**

### **Definition statement**

Replace: The text “B25J 9/126” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “FR 2617751”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 9/1682**

### **Definition statement**

Replace: The text “B25J 9/1682” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0607619”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

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## **B25J 13/003**

### **Definition statement**

Replace: The text “B25J 13/003” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “DE 3327808”.

### **References**

#### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Control of robot by voice input	3C007/WB19
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## **B25J 13/06**

### **Definition statement**

Replace: The text “B25J 13/06” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP1405700”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

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## **B25J 15/0023**

### **Definition statement**

Replace: The text “B25J 15/0023” in the Definition statement with “this group.”

Illustrative example of subject matter classified in this group:

Delete: The text “SU 1047680”.

### **References**

#### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Use of fluid pressure	3C007/EV12
Elastic membrane (with open spaces, closed spaces, filled spaces)	3C007/EV14

## **B25J 15/04**

### **Definition statement**

Replace: The text “B25J 15/04” in the Definition statement with “this group.”

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0288744”.

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## References

### Informative references

Delete: The entire Informative references section.

### B25J 15/0491

#### Definition statement

Replace: The text “B25J 15/0491” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0120275”.

## References

### Informative references

Delete: The entire Informative references section.

### B25J 15/0616

#### Definition statement

Replace: The text “B25J 15/0616” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “US 2008202602”.

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**References****Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Vacuum absorption	3C007/FS01
Structure of absorption part	3C007/FT00
Purpose of absorption device	3C007/FU00

**B25J 15/12****Definition statement**

Replace: The text “B25J 15/12” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “DE 102004034537”.

**References****Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Wholly flexible finger member	3C007/ES10
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## **B25J 17/0216**

### **Definition statement**

Replace: The existing Definition statement text with the following updated text.

Exclusively parallel kinematics manipulators having 6 linear actuators linked to a base and a moving platform by means of universal or ball joints and allowing 6 degrees of freedom for the platform.

Illustrative example of subject matter classified in this group:

### **References**

#### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Parallel link type manipulator	3C007/BS24
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## **B25J 17/0266**

### **Definition statement**

Replace: The text “B25J 17/0266” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “WO 0035640”.

### **References**

#### **Informative references**

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Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Parallel link type manipulator	3C007/BS24
--------------------------------	------------

## **B25J 18/025**

### **Definition statement**

Replace: The text “B25J 18/025” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0362680”.

## **References**

### **Informative references**

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Expandable and contractible	3C007/CU02 3C007/CV02
Telescopic type	3C007/CU23 C007/CW02



## **B25J 18/06**

### **Definition statement**

Replace: The text “B25J 18/06” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 2335884”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 19/0004**

### **Definition statement**

Replace: The text “B25J 19/0004” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0109252”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

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## **B25J 19/0008**

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 19/0012**

### **Definition statement**

Replace: The text “B25J 19/0012” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 2301727”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 19/0016**

### **Definition statement**

Replace: The text “B25J 19/0016” in the Definition statement with “this group:”.

Illustrative example of subject matter classified in this group:

Delete: The text “GB 2114536”.

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## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Load-balancing by springs	3C007/CY23
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## B25J 19/002

### Definition statement

Replace: The text “B25J 19/002” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0392926”.

## References

### Informative references

Delete: The entire Informative references section.

## B25J 19/0025

### Definition statement

Replace: The text “B25J 19/0025” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “DE 20022990 U”.

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## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Cable disposition along external main body surface	3C007/CY07
--	------------

### B25J 19/0029

#### Definition statement

Replace: The text “B25J 19/0029” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 1852225”.

## References

### Informative references

Delete: The entire Informative references section.

### B25J 19/005

#### Definition statement

Replace: The text “B25J 19/005” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 1526626”.

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## References

### Informative references

Delete: The entire Informative references section.

## B25J 19/0054

### Definition statement

Replace: The text “B25J 19/0054” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “DE 29711523 U”.

## References

### Informative references

Delete: The entire Informative references section.

## B25J 19/0075

## References

### Informative references

Delete: The following text and table from the Informative references section.

Attention is drawn to the following Fterms (Japanese classification scheme), which may be of interest for search:

Dust proof; provide cover	3C007/CY29
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## **B25J 19/0079**

### **Definition statement**

Replace: The text “B25J 19/0079” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0447881”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

## **B25J 19/0091**

### **Definition statement**

Replace: The text “B25J 19/0091” in the Definition statement with “this group.”.

Illustrative example of subject matter classified in this group:

Delete: The text “EP 0683019”.

### **References**

#### **Informative references**

Delete: The entire Informative references section.

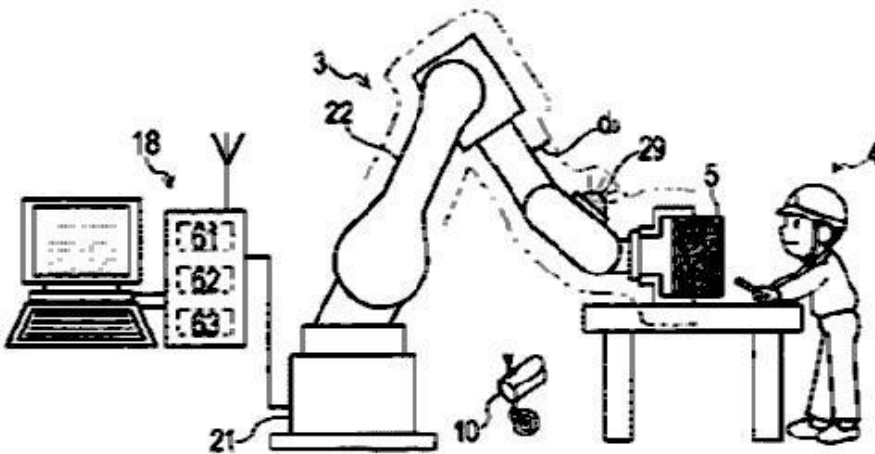
## B25J 19/061

### Definition statement

Replace: The text “B25J 19/061” in the Definition statement with “this group”.

Illustrative example of subject matter classified in this group:

Delete: The text “JP 2010120139”.



Insert: The following text beneath the image in the Definition statement.

Robot 3 itself, or its vicinity, is equipped with alarm 29 so that it can warn for operator 4 who operates/works with robot 3.

### References

#### Informative references

Delete: The entire Informative references section.