

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2013/118623 A1 (FUJI MACHINE MFG [JP]) 15 August 2013 (2013-08-15)	1,2	INV. A61G5/00
Y	* paragraphs [0009], [0010], [0057] - [0062]; figures 1,8,9 * & EP 2 813 203 A1 (FUJI MACHINE MFG [JP]) 17 December 2014 (2014-12-17) * paragraphs [0009], [0010], [0057] - [0062]; figures 1,8,9 *	3-9	A61H3/04 A61G5/14 A61G7/10
E	EP 3 050 549 A1 (FUJI MACHINE MFG [JP]) 3 August 2016 (2016-08-03) * paragraphs [0036], [0053]; figures 9-12 *	1-3	
X	JP 2011 019571 A (FUJI MACHINE MFG) 3 February 2011 (2011-02-03)	1	
Y	* paragraph [0037]; figure 5 *	3	
Y	US 4 985 947 A (ETHRIDGE KENNETH L [US]) 22 January 1991 (1991-01-22) * column 9, lines 43-60 *	4,5,8	
Y	US 5 061 010 A (LAPOINTE LARRY P [US]) 29 October 1991 (1991-10-29) * column 11, lines 50-65; figures 3-6,9,10 *	6,7,9	
T	US 2007/083990 A1 (WERSCHMIDT GARY S [US]) 19 April 2007 (2007-04-19) * paragraph [0017] *	6,7,9	
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>The Hague</b>		Date of completion of the search <b>20 February 2018</b>	Examiner <b>Kroeders, Marleen</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... &amp; : member of the same patent family, corresponding document</p>			

### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-3

An assistant robot, comprising:

- A) a base table
  - B) a holding section
  - C) at least one actuator (implicit for claim 8)
  - D) various operation and control sections (implicit for claim 8)
- with the additional features of height and contact sensors solving the problem of providing "personal" trajectories and safety features

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2. claims: 1, 4, 5, 8

An assistant robot, comprising:

- A) a base table
  - B) a holding section
  - C) an actuator
  - D) operation and control sections
- with the additional features of a "personal" holding section solving the problem of providing comfortable user support

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3. claims: 1, 6, 7, 9

An assistant robot, comprising:

- A) a base table
  - B) a holding section
  - C) at least one actuator
  - D) various operation and control sections (implicit)
- with the additional features of a cam mechanism solving the problem of providing the guiding means for the lifting trajectory

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 88 7416

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-02-2018

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2013118623	A1	15-08-2013	CN 104114140 A	22-10-2014
			DK 2813203 T3	03-04-2017
			EP 2813203 A1	17-12-2014
			JP 5981158 B2	31-08-2016
			JP 2013162896 A	22-08-2013
			US 2015005938 A1	01-01-2015
			WO 2013118623 A1	15-08-2013
-----				
EP 3050549	A1	03-08-2016	EP 3050549 A1	03-08-2016
			JP 6267215 B2	24-01-2018
			JP WO2015045010 A1	02-03-2017
			WO 2015045010 A1	02-04-2015
-----				
JP 2011019571	A	03-02-2011	JP 5460154 B2	02-04-2014
			JP 2011019571 A	03-02-2011
-----				
US 4985947	A	22-01-1991	NONE	
-----				
US 5061010	A	29-10-1991	AU 643047 B2	04-11-1993
			AU 4482593 A	18-11-1993
			CA 2045785 A1	15-05-1992
			DE 4122375 A1	21-05-1992
			GB 2250187 A	03-06-1992
			JP H04307060 A	29-10-1992
			MX 173795 B	25-03-1994
			NZ 238806 A	25-02-1994
			US 5061010 A	29-10-1991
			US 5215351 A	01-06-1993
			US 5314238 A	24-05-1994
ZA 9105076 B	27-05-1992			
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US 2007083990	A1	19-04-2007	EP 1937125 A2	02-07-2008
			US 2007083990 A1	19-04-2007
			WO 2007046814 A2	26-04-2007
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