

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FR2019/052770

A. CLASSIFICATION OF SUBJECT MATTER*B25B 15/00*(2006.01)i; *B25B 23/00*(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B25B; B23B; B25J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 4402619 A1 (GAERLICH WOLFRAM [DE]) 03 August 1995 (1995-08-03) abstract; figure 2	1
A	WO 9801252 A1 (JONES KEITH MARTYN [GB]) 15 January 1998 (1998-01-15) abstract; figure 1	1
X	DE 202009005172 U1 (ROTE MATE INDUSTRY CO LTD [TW]) 11 February 2010 (2010-02-11)	1-4,10-13
Y	abstract; figure 3	14
A		5-9
Y	US 9221506 B1 (GEORGESON GARY E [US] ET AL) 29 December 2015 (2015-12-29) abstract; figure 2	14

 Further documents are listed in the continuation of Box C. See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

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"&" document member of the same patent family

Date of the actual completion of the international search

16 March 2020

Date of mailing of the international search report

26 March 2020

Name and mailing address of the ISA/EP

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/FR2019/052770

Patent document cited in search report	Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
DE 4402619 A1	03 August 1995	NONE	
WO 9801252 A1	15 January 1998	GB 2318997 A WO 9801252 A1	13 May 1998 15 January 1998
DE 202009005172 U1	11 February 2010	DE 202009005172 U1 TW M367783 U US 2010307298 A1	11 February 2010 01 November 2009 09 December 2010
US 9221506 B1	29 December 2015	NONE	