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## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 79 13 02

**Classification of the application (IPC):**  
B65B 13/34, B25B 25/00, B65B 27/00, B25B 27/14

**Technical fields searched (IPC):**  
B65B, E04G, B25B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2969545 A (ALLEN HOWARD G) 31 January 1961 (1961-01-31) * Figures and their description; driver 8, clincher 18, binder S, insertion opening 20. *	1, 2, 4-12
X	US 3653117 A (WOLFBERG ROBERT L ET AL) 04 April 1972 (1972-04-04) * Figures and their description; driver 72, binder C, clincher 74 *	1-7, 9-12
X	US 2879512 A (TIPPER MAYNARD J G) 31 March 1959 (1959-03-31) * Figures and their description; driver 6, binder 9,9', clincher 29 *	1, 4-7, 9-12
X	US 5881452 A (NOWELL III STEPHEN C [US] ET AL) 16 March 1999 (1999-03-16) * Figures and their description; driver 63, binder 20, clincher 11 *	1, 2, 4-7, 9-12
X	US 6317970 B1 (LEISTNER HERBERT E [CA] ET AL) 20 November 2001 (2001-11-20) * Figures 1,6-9 *	1, 2, 4, 5, 7, 9-12
A	US 6035690 A (MURAYAMA TAKASHI [JP]) 14 March 2000 (2000-03-14) * Figures *	1-12
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A	JP 2002332015 A (MAX CO LTD) 22 November 2002 (2002-11-22) * Figures *	1-12
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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 Munich	Date of completion of the search 18 November 2020	Examiner Ngo Si Xuyen, G
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### CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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**ANNEX TO SUPPLEMENTARY EUROPEAN  
SEARCH REPORT**

 Application number:  
EP 18 79 13 02

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 18-11-2020  
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