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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 80 22 40

Classification of the application (IPC):
B65H 54/26, B65H 54/72, B65H 63/036, B65H 67/06, D01H 9/18

Technical fields searched (IPC):
B65H

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 4843808 A (RUEGE JOACHIM [DE] ET AL) 04 July 1989 (1989-07-04) * column 2, line 35 - line 45 * * column 3, line 30 - line 57 * * column 4, line 7 - line 13 * * column 4, line 36 - column 5, line 3 * * figures 1,2 *	1, 2, 9, 10 3-8
Y	EP 2455317 A1 (MURATA MACHINERY LTD [JP]) 23 May 2012 (2012-05-23) * the whole document * * paragraph [0073] - paragraph [0075] * * figures 1,2 *	3-8
Y,D	JP H05278950 A (.) 26 October 1993 (1993-10-26) * the whole document *	3-8

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 The Hague	Date of completion of the search 27 March 2021	Examiner Guisan, Thierry
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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

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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 27-03-2021
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