



EUROPEAN SEARCH REPORT

Application Number

EP 24 15 9047

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	JP S58 224973 A (ASAHI CHEMICAL IND) 27 December 1983 (1983-12-27) * abstract; figures 1,2 *	1-11	INV. B65H54/28
A	WO 02/08106 A2 (ADVANCED GLASSFIBER YARNS LLC [US]; MANN DOUGLAS BRIAN [US]) 31 January 2002 (2002-01-31) * page 7, line 9 - page 8, line 15; figures 2,3 *	1,2,4-6	
A	WO 2009/030592 A1 (SIEMENS AG [DE]; TILL JUERGEN-MATTHIAS [DE]) 12 March 2009 (2009-03-12) * page 6, lines 1-28; figure 3 *	1,2,4	
A,D	JP 2012 158436 A (TMT MACHINERY INC) 23 August 2012 (2012-08-23) * abstract *	1-11	
A	EP 2 392 532 A2 (TMT MACHINERY INC [JP]) 7 December 2011 (2011-12-07) * paragraphs [0061] - [0069]; figures 12,13 *	1-11	TECHNICAL FIELDS SEARCHED (IPC) B65H

The present search report has been drawn up for all claims

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Place of search

Date of completion of the search

Examiner

The Hague

30 April 2024

Pussemier, Bart

CATEGORY OF CITED DOCUMENTS

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

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

& : member of the same patent family, corresponding document

EPO FORM 1503 03.82 (P04C01)

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

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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
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