



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 85 66 24

Classification of the application (IPC):

D21J 5/00, B65D 65/38, D21H 11/18, D21H 17/66, D21J 3/10, D21J 7/00,
D21J 3/00

Technical fields searched (IPC):

D21J, B65D, D21H

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	WO 2019112428 A1 (HUHTAMAKI MOLDED FIBER TECH BV [NL]) 13 June 2019 (2019-06-13) * claims; figures *	1-20
Y	US 2004013830 A1 (NONOMURA AKIRA [JP] ET AL) 22 January 2004 (2004-01-22) * paragraphs [0052] - [0078]; figures *	1-20
Y	US 2019194870 A1 (KUO CHIEN-KUAN [TW] ET AL) 27 June 2019 (2019-06-27) * paragraphs [0032] - [0034]; figures *	1-20
Y	WO 2006057610 A2 (PAKIT INT TRADING CO INC [BB]; NILSSON BJOERN [SE] ET AL.) 01 June 2006 (2006-06-01) * claims; figures *	1-20
Y	US 2016376750 A1 (MIIKKI NINA [FI] ET AL) 29 December 2016 (2016-12-29) * page 2, lines 26-30 * * page 4, line 8 - page 7, line 18 *	1-20
Y,D	US 2019127601 A1 (TOLES CHRISTOPHER AREND [US] ET AL) 02 May 2019 (2019-05-02) * paragraphs [0021] - [0028] *	1-20

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 26 July 2023	Examiner Pregetter, Mario
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CATEGORY OF CITED DOCUMENTS

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|---|--|
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2019112428 A1	13-06-2019	AU 2018379578 A1	18-06-2020
		BR 112020011422 A2	24-11-2020
		CA 3083771 A1	13-06-2019
		CN 111670282 A	15-09-2020
		EP 3721011 A1	14-10-2020
		RU 2020122074 A	10-01-2022
		US 2021164171 A1	03-06-2021
		WO 2019112428 A1	13-06-2019
US 2004013830 A1	22-01-2004	AU 5259401 A	07-11-2001
		CN 1426363 A	25-06-2003
		DE 60111847 T2	01-12-2005
		EP 1291283 A1	12-03-2003
		KR 20030007556 A	23-01-2003
		US 2004013830 A1	22-01-2004
		WO 0181183 A1	01-11-2001
US 2019194870 A1	27-06-2019	CN 109972459 A	05-07-2019
		US 2019194870 A1	27-06-2019
WO 2006057610 A2	01-06-2006	AT E526458 T1	15-10-2011
		AU 2005310066 A1	01-06-2006
		BR PI0518028 A	04-11-2008
		CA 2589465 A1	01-06-2006
		CN 2832893 Y	01-11-2006
		CN 101111640 A	23-01-2008
		EP 1815066 A2	08-08-2007
		ES 2374710 T3	21-02-2012
		JP 4854672 B2	18-01-2012
		JP 2008522045 A	26-06-2008
		KR 20070104536 A	26-10-2007
		PL 1815066 T3	29-02-2012
		RU 2384664 C2	20-03-2010
		US 2009142523 A1	04-06-2009
		WO 2006057610 A2	01-06-2006
		ZA 200704907 B	25-09-2008
US 2016376750 A1	29-12-2016	CA 2941100 A1	17-09-2015
		CN 107002367 A	01-08-2017
		EP 3117039 A1	18-01-2017
		ES 2799405 T3	17-12-2020
		JP 2017512164 A	18-05-2017
		PL 3117039 T3	24-08-2020
		US 2016376750 A1	29-12-2016
		WO 2015136493 A1	17-09-2015



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The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2019127601	A1	02-05-2019	CN	109072563 A	21-12-2018
			EP	3414396 A1	19-12-2018
			US	2019127601 A1	02-05-2019
			WO	2018017089 A1	25-01-2018