



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 86 78 02

Classification of the application (IPC):

B65C 1/02, B65C 9/08, B65C 9/10, B65C 9/18, B65C 9/26, B65C 9/36, B65C 9/46

Technical fields searched (IPC):

B65C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 8142596 B1 (VALENTI JR F PAUL [US] ET AL) 27 March 2012 (2012-03-27) * column 6, line 62 - column 9, line 39; figures 1-4B * * column 9, line 23 - line 29; figure 4B * * column 7, line 6 - line 15; figures 1,2 * * column 10, line 24 - line 51; figures 8A, 8B *	1, 4-10, 14
X	US 8784598 B1 (VALENTI JR F PAUL [US] ET AL) 22 July 2014 (2014-07-22) * column 5, line 65 - column 8, line 42; figures 1-4B *	1, 14
X	US 8353998 B1 (VALENTI JR F PAUL [US] ET AL) 15 January 2013 (2013-01-15) * column 7, line 4 - column 9, line 52; figures 1-4B *	1, 14
A	US 2009053450 A1 (KOBAYASHI KENJI [JP] ET AL) 26 February 2009 (2009-02-26) * the whole document *	1, 4-10, 14
A	US 7850207 B1 (VALENTI JR F PAUL [US] ET AL) 14 December 2010 (2010-12-14) * the whole document *	1, 4-10, 14

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 31 August 2021	Examiner Mendão, João
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| 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 |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 86 78 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 31-08-2021.
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			US	9812040 B1	07-11-2017
US 8353998	B1	15-01-2013	NONE		
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