



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 74 78 81

Classification of the application (IPC):

B05B 12/12, A01M 7/00, B05B 1/30, B05C 11/10, G01S 17/88, B05B 12/04, B05B 1/20, B05B 1/08

Technical fields searched (IPC):

A01M, B05B, A01B, G01S, B65D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	US 2019246557 A1 (BOOHER STEVEN R [US] ET AL) 15 August 2019 (2019-08-15) * figures 1-6, 9-11, 17 * * paragraphs [0024], [0029], [0045] - [0048], [0055], [0060]; claim 1 *	1
Y	US 2018160672 A1 (CRINKLAW DAVID CURTIS [US] ET AL) 14 June 2018 (2018-06-14) * figures 2,3 13 * * paragraphs [0009], [0042] *	1
A	US 2002099471 A1 (BENNEWEIS ROBERT K [CA]) 25 July 2002 (2002-07-25) * figures 3-6 *	1-15
A	US 2013037625 A1 (ARENSEN MARC A [US] ET AL) 14 February 2013 (2013-02-14) * figures 1-4 *	1-15
A	US 2017120263 A1 (NEEDHAM DUANE [US]) 04 May 2017 (2017-05-04) * figures 1, 2, 6, 7, 10, 11 *	1-15
A	US 5653389 A (HENDERSON GRAEME W [US] ET AL) 05 August 1997 (1997-08-05) * figures 1-3, 10, 11 *	1-15

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 01 February 2024	Examiner Behammer, Frank
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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 01-02-2024.
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