



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 84 03 64

Classification of the application (IPC):
B01D 21/00, C02F 1/467, C02F 1/469

Technical fields searched (IPC):
C02F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2014367262 A1 (CHO MYUNG DONG [KR] ET AL) 18 December 2014 (2014-12-18) * figure 1B * * paragraphs [0005], [0033], [0060], [0093], [0099], [0107] *	1-18
X	US 2012234695 A1 (MAYES RICHARD T [US] ET AL) 20 September 2012 (2012-09-20) * figure 1 * * paragraph [0007] * * paragraph [0075] - paragraph [0079] *	1-18
X	US 5599437 A (TAYLOR E JENNINGS [US] ET AL) 04 February 1997 (1997-02-04) * figure 4 * * column 3, line 17 - line 43 * * column 10, line 49 - column 11, line 35 *	1-18

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 02 March 2022	Examiner Châtellier, Xavier
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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 02-03-2022
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			US	2014367262 A1	18-12-2014
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			US	2015047983 A1	19-02-2015
			US	2018370824 A1	27-12-2018
US 5599437	A	04-02-1997	US	5599437 A	04-02-1997
			WO	9700830 A1	09-01-1997