



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 86 29 34

Classification of the application (IPC):

B01J 19/00, B01J 19/08, C01B 21/02, C01B 32/25, C01B 32/26, B01J 12/02

Technical fields searched (IPC):

C01B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2015259790 A1 (NEWMAN ARNOLD L [US] ET AL) 17 September 2015 (2015-09-17) * paragraph [0074]; claims 1,15; figures 6,7,9,10 *	1-15
A	US 2014286851 A1 (HODES DANIEL [US]) 25 September 2014 (2014-09-25) * the whole document *	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 09 April 2019	Examiner Mattheis, Chris
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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 09-04-2019
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2015259790	A1	17-09-2015	US	2015259790 A1	17-09-2015
			US	2018066358 A1	08-03-2018
US 2014286851	A1	25-09-2014	US	2014286851 A1	25-09-2014
			US	2015259213 A1	17-09-2015