



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 86 27 90

Classification of the application (IPC):
C01B 3/50, B01D 53/22, B01D 69/10, B01D 71/02, C01B 3/56

Technical fields searched (IPC):
B01D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2010282085 A1 (DEVRIES PETER DAVID [US]) 11 November 2010 (2010-11-11) * paragraphs [0002], [0038] *	1
X	US 5997594 A (EDLUND DAVID J [US] ET AL) 07 December 1999 (1999-12-07) * line 52, paragraph 18 - line 19, paragraph 19; figures 10-24 *	1-13
X	US 2018126330 A1 (EDLUND DAVID J [US] ET AL) 10 May 2018 (2018-05-10) * figures 7,8 *	1-13
X	JP 4745048 B2 (TOKYO GAS CO LTD) 10 August 2011 (2011-08-10) * figure 37 *	1
X	JP 2007117843 A (MITSUBISHI HEAVY IND LTD) 17 May 2007 (2007-05-17) * paragraph [0001]; figures 1,5 *	1

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 12 July 2024	Examiner Hennebrüder, K
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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 12-07-2024.
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