



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 83 89 07

Classification of the application (IPC):

C02F 9/00, C02F 3/30, C02F 1/00, B01D 1/26, B01D 1/22, B01D 3/08,
C02F 1/04, C02F 103/08, C02F 1/40, C02F 101/32, C02F 1/20, C02F 1/38

Technical fields searched (IPC):

B01D, C02F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 2020071215 A1 (GASPARD BRANDON [US] ET AL) 05 March 2020 (2020-03-05) * paragraphs [0002], [0030] - [0037], [0042] - [0046], [0061]; figure 1 *	1-18
Y	US 2016047218 A1 (PATTERSON MARK D [US]) 18 February 2016 (2016-02-18) * paragraphs [0015], [0021]; figures 1-3 *	2-7
A		1, 8-18
X	US 2019024492 A9 (BL TECHNOLOGIES INC [US]) 24 January 2019 (2019-01-24) * paragraphs [0008] - [0014]; figure 1 *	11-15
Y		16-18
A		1-10
X	US 2009255673 A1 (MINNICH KEITH R [US] ET AL) 15 October 2009 (2009-10-15) * paragraph [0033]; figure 1 *	11-15
Y		16-18
A		1-10
X	WO 2017074476 A1 (VERNO HOLDINGS LLC [US]) 04 May 2017 (2017-05-04) * paragraphs [0001], [0025], [0087] - [0095], [0129] - [0134]; figures 2A, 3,33-34 *	1, 8-10
Y		2-7, 16-18
A		11-15

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 Munich	Date of completion of the search 13 June 2024	Examiner Fiocchi, Nicola
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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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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-10

A system for decontaminating a fluid and recovering vapor.

2. claims: 11-18

A method for processing and recycling water used in an oil zone steam processing cycle.

All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

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 13 June 2024	Examiner Fiocchi, Nicola
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& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 83 89 07

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 13-06-2024
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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