



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 75 38 04

Classification of the application (IPC):
F25B 7/00, F25B 9/00, F25B 41/00, F25B 40/00

Technical fields searched (IPC):
F25B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2012216551 A1 (MINOR BARBARA HAVILAND [US] ET AL) 30 August 2012 (2012-08-30) * paragraphs [0051], [0020], [0074], [0100]; figures; table 3 *	1-7, 11 8-10
Y	US 2011023507 A1 (YANA MOTTA SAMUEL F [US] ET AL) 03 February 2011 (2011-02-03) * paragraphs [0008], [0013], [0014], [0017], [0018], [0052]; figure 2; table A *	8-10
X	MOLÉS FRANCISCO ET AL: "Thermodynamic analysis of a combined organic Rankine cycle and vapor compression cycle system activated with low temperature heat sources using low GWP fluids" <i>APPLIED THERMAL ENGINEERING</i> , PERGAMON, OXFORD, GB, 27 May 2015 (2015-05-27), vol. 87, DOI: 10.1016/J.APPLTHERMALENG.2015.04.083, ISSN: 1359-4311, pages 444-453, XP029248589 * page 445; figure 3; tables 1,2 *	1
A	WO 2013049344 A2 (CARRIER CORP [US]; VERMA PARMESH [US] ET AL.) 04 April 2013 (2013-04-04) * paragraphs [0012], [0013], [0005], [0014]; claims 1,19; figures 1,2 *	1-11
A	KR 20130069025 A (NAT UNIV PUKYONG IND UNIV COOP [KR]) 26 June 2013 (2013-06-26) * abstract; figures *	1-11
A	WO 2014150699 A1 (HONEYWELL INT INC [US]) 25 September 2014 (2014-09-25) * the whole document *	1-11

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 27 August 2019	Examiner Ritter, Christoph
---------------------------	--	-------------------------------

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 |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 75 38 04

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 27-08-2019
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
US 2012216551 A1	30-08-2012	AR 078902 A1	14-12-2011
		AU 2010315264 A1	03-05-2012
		BR 112012010481 A2	15-03-2016
		CA 2779093 A1	12-05-2011
		CN 102686957 A	19-09-2012
		CO 6541600 A2	16-10-2012
		EP 2591296 A2	15-05-2013
		JP 2013510286 A	21-03-2013
		KR 20120102673 A	18-09-2012
		RU 2012122709 A	10-12-2013
		TW 201124687 A	16-07-2011
		US 2012216551 A1	30-08-2012
		WO 2011056824 A2	12-05-2011
US 2011023507 A1	03-02-2011	AU 2011248123 A1	20-12-2012
		BR 112012028419 A2	16-11-2016
		CA 2798620 A1	10-11-2011
		CN 102971394 A	13-03-2013
		CN 105754553 A	13-07-2016
		EP 2566930 A2	13-03-2013
		EP 3255114 A1	13-12-2017
		ES 2640316 T3	02-11-2017
		JP 5806294 B2	10-11-2015
		JP 6093387 B2	08-03-2017
		JP 2013530265 A	25-07-2013
		JP 2015131966 A	23-07-2015
		JP 2017133010 A	03-08-2017
		KR 20130103338 A	23-09-2013
		PT 2566930 T	11-09-2017
		US 2011023507 A1	03-02-2011
		US 2015144306 A1	28-05-2015
		WO 2011140289 A2	10-11-2011
WO 2013049344 A2	04-04-2013	CN 103842745 A	04-06-2014
		EP 2766675 A2	20-08-2014
		US 2014260404 A1	18-09-2014
		WO 2013049344 A2	04-04-2013
KR 20130069025 A	26-06-2013	NONE	
WO 2014150699 A1	25-09-2014	CN 105189691 A	23-12-2015
		EP 2970738 A1	20-01-2016
		JP 2016517460 A	16-06-2016
		KR 20150132168 A	25-11-2015
		US 2016017199 A1	21-01-2016
		WO 2014150699 A1	25-09-2014