

Title (en)
HEAT EXCHANGER AND A CORRESPONDING EXCHANGE MODULE

Title (de)
WÄRMETAUSCHER UND ENTSPRECHENDES AUSTAUSCHMODUL

Title (fr)
ECHANGEUR THERMIQUE ET MODULE D'ECHANGE S'Y RAPPORTANT

Publication
EP 1709380 A1 20061011 (FR)

Application
EP 05717403 A 20050112

Priority
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• FR 0400210 A 20040112

Abstract (en)
[origin: FR2865028A1] The exchanger has heat exchanging modules (102) defining a path for heat transfer fluid flow. Each module has two metal plates (3) inflated between weld lines (4) for defining canals (6a-6d) with different hydraulic diameters. A path (28) is arranged between the two modules for condensable heat transfer fluid flow. The hydraulic diameter of the path is reduced as the condensation of the condensable heat transfer fluid occurs.

IPC 8 full level
F28D 9/00 (2006.01); **F28F 3/14** (2006.01); **F28F 13/08** (2006.01)

CPC (source: EP US)
F28D 9/0031 (2013.01 - EP US); **F28F 3/14** (2013.01 - EP US); **F28F 13/08** (2013.01 - EP US)

Citation (search report)
See references of WO 2005073657A1

Citation (examination)
• EP 1246788 A2 20021009 - BASF AG [DE]
• EP 1136667 A2 20010926 - ZEUNA STAERKER KG [DE]
• GB 1146740 A 19690326 - ASS ELECT IND
• US 4324844 A 19820413 - KOTHMANN RICHARD E
• SU 932171 A1 19820530 - VNI PI PERERABOTKE GAZA [SU]

Designated contracting state (EPC)
DE FR GB

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