

Title (en)  
INLET FLOW REGULATING STRUCTURE AND PLATE HEAT EXCHANGER

Title (de)  
EINLASSSTROMREGELSTRUKTUR UND PLATTENWÄRMETAUSCHER

Title (fr)  
STRUCTURE DE RÉGULATION D'ÉCOULEMENT D'ENTRÉE ET ÉCHANGEUR DE CHALEUR À PLAQUES

Publication  
**EP 3392592 A4 20190626 (EN)**

Application  
**EP 16874532 A 20160815**

Priority  
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• CN 2016095280 W 20160815

Abstract (en)  
[origin: EP3392592A1] Disclosed is a plate heat exchanger with an inlet flow regulating structure (11), comprising a refrigerant inlet coupling (4), a side plate (1) assembled with the refrigerant inlet coupling (4), and at least one inlet flow regulating structure (11). The in - let flow regulating structure (11) is arranged on a path from the refrigerant inlet coupling (4) to a main body of the plate heat exchanger, and is provided with at least one flow regulating element (12, 13, 14, 15) which is provided corresponding to a refrigerant inlet passage of the plate heat exchanger.

IPC 8 full level  
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CPC (source: CN EP US)  
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**F28F 9/0265** (2013.01 - EP US); **F28F 9/0278** (2013.01 - EP US); **F25B 39/022** (2013.01 - US); **F25B 2339/0241** (2013.01 - CN)

Citation (search report)  
• [XAI] CN 102829655 A 20121219 - JIANGSU BAODE HEAT EXCHANGER CO LTD  
• [X] CN 102052874 A 20110511 - JIANGSU BAODE HEAT EXCHANGE EQUIPMENT CO LTD  
• [X] FR 2634275 A1 19900119 - LAENDERER & REICH KUEHLER [DE]  
• See references of WO 2017101472A1

Cited by  
JPWO2020110685A1; WO2020110685A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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