

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 A1 20181024 (EN)**

Application  
**EP 16874532 A 20160815**

Priority  
• CN 201510933718 A 20151215  
• CN 2016095280 W 20160815

Abstract (en)  
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  
**F28D 9/00** (2006.01)

CPC (source: CN EP US)  
**F25B 39/00** (2013.01 - US); **F25B 39/022** (2013.01 - CN); **F28D 9/00** (2013.01 - EP US); **F28D 9/005** (2013.01 - EP US);  
**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)

Cited by  
JPWO2020110685A1; WO2020110685A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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