

Title (en)  
HEAT EXCHANGER AND ASSOCIATED MANUFACTURING METHOD

Title (de)  
WÄRMETAUSCHER UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)  
ÉCHANGEUR DE CHALEUR ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication  
**EP 3430341 A1 20190123 (FR)**

Application  
**EP 17716946 A 20170316**

Priority  
• FR 1652313 A 20160318  
• FR 2017050605 W 20170316

Abstract (en)  
[origin: WO2017158300A1] The invention relates to a heat exchanger (1) comprising: - a bundle (2) of tubes (20); - a header (3) comprising a header plate (31) with holes into which ends of tubes (20) are introduced, and a cover (32) that covers the header plate (31); and - a partition (33) in at least one header, said partition (33) defining two compartments (37a, 37b) in the header (3). The cover (32) includes at least one flow rate restrictor (34) that is disposed at least in part above the end of at least one of the tubes (20) located in the immediate vicinity of the partition (33).

IPC 8 full level  
**F28D 1/053** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)  
**F28D 1/05325** (2013.01); **F28F 9/0263** (2013.01); **F28F 9/0265** (2013.01); **F28F 9/028** (2013.01); **F28F 9/0282** (2013.01); **F28F 2270/02** (2013.01)

Citation (search report)  
See references of WO 2017158300A1

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)  
BA ME

DOCDB simple family (publication)  
**WO 2017158300 A1 20170921**; CN 109154480 A 20190104; CN 109154480 B 20210302; EP 3430341 A1 20190123; FR 3049051 A1 20170922; FR 3049051 B1 20190419

DOCDB simple family (application)  
**FR 2017050605 W 20170316**; CN 201780025493 A 20170316; EP 17716946 A 20170316; FR 1652313 A 20160318