

Title (en)

Plate heat exchanger with mounting flange

Title (de)

Plattenwärmetauscher mit Befestigungsflansch

Title (fr)

Échangeur de chaleur à plaques avec bride de montage

Publication

EP 2886995 B1 20170308 (EN)

Application

EP 13198881 A 20131220

Priority

EP 13198881 A 20131220

Abstract (en)

[origin: EP2886995A1] A plate heat exchanger (1) comprises a plate package (2) of permanently connected heat exchanger plates (3) that defines a surrounding wall (4). Two mounting plates (7) are permanently connected to an end surface (5) of the plate package (2), in spaced relation to each other. Each mounting plate (7) comprises opposing flat engagement surfaces connected by an edge portion that extends along the perimeter of the mounting plate (7). Each mounting plate (7) is arranged with one of its engagement surfaces permanently connected to the end surface (5), such that the perimeter of the mounting plate (7) partially extends beyond the outer periphery of the end surface, to define a mounting flange, and partially extends across the end surface (5) in contact with the same. Each mounting plate (7) has one or more slots (15) in the edge portion located to intersect the perimeter of the surrounding external wall (4) as seen in a normal direction to the end surface (5).

IPC 8 full level

F28D 9/00 (2006.01); **F28F 9/00** (2006.01); **F28F 9/007** (2006.01)

CPC (source: EP SE)

F28D 9/005 (2013.01 - EP SE); **F28F 9/002** (2013.01 - EP); **F28F 9/007** (2013.01 - SE); **F28F 9/0075** (2013.01 - EP); **F28F 9/02** (2013.01 - SE); **F28F 2280/06** (2013.01 - EP)

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2886995 A1 20150624; **EP 2886995 B1 20170308**; SE 1650781 A1 20160603; TW 201537136 A 20151001; TW I539134 B 20160621; WO 2015091214 A1 20150625

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