

Title (en)
PLATE HEAT EXCHANGER

Title (de)
PLATTENWÄRMETAUSCHER

Title (fr)
ÉCHANGEUR THERMIQUE À PLAQUE

Publication
EP 3112788 B1 20190220 (EN)

Application
EP 15174726 A 20150701

Priority
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Abstract (en)
[origin: EP3112788A1] A plate heat exchanger comprising a casing (2), a fluid separation device (40), a number of heat transfer plates (21-23) that are permanently joined to each other and have central openings (31) that form a central space (24) in the plate stack (20) and in which the fluid separation device (40) is arranged, such that a first part (34) of the central opening (31) may act as a fluid inlet and a second part (35) of the central opening (31) may act as a fluid outlet for a first fluid (F1), opposite sides (36, 37) of the plates (21-23) act fluid entries and exits for a second fluid (F2), wherein two end plates (71, 72) have central through holes (73, 74) the ends of the plate stack (20), each of the end plates (71, 72) being thicker than the heat transfer plates (21-23), providing increased mechanical support for the plate stack (20), and having a slower thermal expansion.

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F28D 9/00 (2006.01)

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