

Title (en)

Plate heat exchanger with single and double wall plates

Title (de)

Plattenwärmeübertrager mit einwandigen und doppelwandigen Wärmeübertragerplatten

Title (fr)

Echangeur de chaleur à plaques avec plaques à parois simples et doubles

Publication

EP 1475596 A3 20051019 (DE)

Application

EP 04009741 A 20040423

Priority

DE 10320812 A 20030508

Abstract (en)

[origin: EP1475596A2] Plate heat exchanger comprises a stack of heat-exchanger plates that are permanently joined together. Separate through flow chambers for at least two heat-exchanger fluids are formed between the heat-exchanger plates. Some of the heat-exchanger plates are designed as single-walled heat-exchanger plates (1) with one plate element and some are designed as double-walled heat-exchanger plates (2a-c) with two plate elements (2a'-2c', 2a''-2c''). Preferred Features: Separate through flow chambers for three heat-exchanger fluids are formed between the heat-exchanger plates.

IPC 1-7

F28F 3/00; **F28D 9/00**

IPC 8 full level

F28D 9/00 (2006.01); **F28F 3/08** (2006.01)

CPC (source: EP US)

F28D 9/005 (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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