

Title (en)
Plate heat exchanger.

Title (de)
Plattenwärmetauscher.

Title (fr)
Echangeur de chaleur à plaques.

Publication
EP 0211400 A1 19870225 (DE)

Application
EP 86110554 A 19860730

Priority
DE 8522627 U 19850806

Abstract (en)
[origin: US4724902A] A plate heat exchanger, in particular of synthetic material is disclosed consisting of a stack of plates which are corrugated in two directions transverse to each other. The plates are so arranged in the stack that the corrugations of consecutive plates run in equiphase in one direction and in antiphase in the other direction. In the direction of the corrugation in equiphase, perfusable channels pass.

Abstract (de)
Plattenwärmetauscher, insbesondere aus Kunststoff, bestehen aus einem Stapel Platten, die in zwei kreuzweise zueinanderliegenden Richtungen gewellt sind. Die Platten sind dem Stapel so angeordnet, daß die Wellungen aufeinanderfolgender Platten in der einen Richtung gleichphasig und in der anderen Richtung gegenphasig verlaufen. In Richtung der gleichphasigen Wellung bestehen durchströmbare Kanäle.

IPC 1-7
F28F 3/08; **F28D 9/00**

IPC 8 full level
F28D 9/00 (2006.01); **F28F 3/08** (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)
F28D 9/0037 (2013.01 - EP US); **F28F 21/065** (2013.01 - EP US); **Y10S 165/394** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
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DE 8522627 U 19850806; CA 515311 A 19860805; DE 3661112 T 19860730; EP 86110554 A 19860730; US 89064286 A 19860730