

Title (en)

Plated heat exchanger with simplified production

Title (de)

Plattenwärmetauscher mit vereinfachter Herstellung

Title (fr)

Echangeur de chaleur à plaques avec production simplifiée

Publication

EP 1376042 A3 20060607 (EN)

Application

EP 03076856 A 20030616

Priority

IT MI20021397 A 20020625

Abstract (en)

[origin: EP1376042A2] Heat exchanger (10) with plates (20, 30) with simplified production, of the type comprising a plurality of said plates (20, 30) substantially quadrangular in shape, juxtaposed and joined together to define a series of alternating distribution chambers for a primary fluid and a secondary fluid respectively, where such plates (20, 30) are each equipped with at least four through openings (21, 22, 23, 24, 31, 32, 33, 34) corresponding to each other, through such through openings (21, 22, 23, 24, 31, 32, 33, 34) realising a connection between the distribution chambers of the primary fluid and between the distribution chambers of the secondary fluid, respectively; on each plate (20, 30) of the heat exchanger (10) at least three of the through openings (22, 23, 24, 32, 33, 34) are foreseen positioned near to three corners of the quadrangle of the plate (20, 30) and at least one of the through openings (21, 31) is realised distant from the remaining fourth corner of the quadrangle of the plate (20, 30).

IPC 8 full level

F28D 9/00 (2006.01); **F28F 3/04** (2006.01); **F28F 3/08** (2006.01)

CPC (source: EP)

F28D 9/005 (2013.01); **F28D 9/0056** (2013.01); **F28F 3/046** (2013.01)

Citation (search report)

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