

Title (en)

PLATE ARRAY FOR A HEAT EXCHANGER AND HEAT EXCHANGER COMPRISING SAME

Title (de)

PLATTENSTAPEL FÜR EINEN WÄRMETAUSCHER UND WÄRMETAUSCHER MIT EINEM SOLCHEN PLATTENSTAPEL

Title (fr)

FAISCEAU DE PLAQUES POUR UN ECHANGEUR THERMIQUE ET ECHANGEUR THERMIQUE COMPORTANT UN TEL FAISCEAU DE PLAQUES

Publication

**EP 0851998 A1 19980708 (FR)**

Application

**EP 96927098 A 19960726**

Priority

- FR 9601191 W 19960726
- FR 9510974 A 19950919

Abstract (en)

[origin: WO9711329A1] A plate array (1) for a heat exchanger, of the type comprising a stack of parallel metallic heat exchange plates (2), with smooth surface marginal portions (2a, 2b) and a corrugated central portion (2c) so as to form, with the associated plates (2), a dual circuit system for two independent counter-current circulating fluids. Each heat exchange plate (2) is provided, at the longitudinal edges thereof, with a means (10) for coupling it with adjacent plates (2), at the end edges thereof with a means (20) for coupling it with an adjacent plate to form alternating superposed closed ends (3) and open ends (4), and, at the corners thereof, with a means (30) for connecting the heat exchange plates (2) and the coupling members (10, 20) to each other.

IPC 1-7

**F28D 9/00**

IPC 8 full level

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

CPC (source: EP)

**F28D 9/0062** (2013.01); **F28F 2250/104** (2013.01)

Citation (search report)

See references of WO 9711329A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9711329 A1 19970327**; EP 0851998 A1 19980708; FR 2738906 A1 19970321; FR 2738906 B1 19971212; JP 3744544 B2 20060215; JP H11512515 A 19991026

DOCDB simple family (application)

**FR 9601191 W 19960726**; EP 96927098 A 19960726; FR 9510974 A 19950919; JP 51242597 A 19960726