

Title (en)

PLATE HEAT EXCHANGER AND REVERSIBLE REFRIGERATING MACHINE INCLUDING SUCH AN EXCHANGER

Title (de)

PLATTENWÄRMETAUSCHER UND UMKEHRBARE KÄLTEMASCHINE MIT SOLCH EINEM WÄRMETAUSCHER

Title (fr)

ÉCHANGEUR DE CHALEUR À PLAQUES ET MACHINE DE RÉFRIGÉRATION RÉVERSIBLE COMPRENANT UN TEL ÉCHANGEUR

Publication

**EP 3289305 B1 20200624 (EN)**

Application

**EP 16720675 A 20160427**

Priority

- FR 1553870 A 20150429
- US 2016029473 W 20160427

Abstract (en)

[origin: WO2016176276A1] This exchanger (1100), including superposed plates (2A-2L) which are inserted between two end plates (11, 12) and which define channels for circulation of heat-exchanging fluid. These channels delimit a first circuit (C1) for circulation of a first heat-exchanging fluid, comprising a single pass, and a second circuit (C2) for circulation of a second heat-exchanging fluid, comprising two passes opposite one another, so that, for each direction of circulation of the second heat-exchanging fluid in the second circuit, one of the two passes of the second circuit is co-current with respect to the pass of the first circuit, while the other of the two passes of the second circuit is counter-current with respect to the pass of the first circuit.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

US 2005211421 A1 20050929 - EKELUND ROLF [SE], et al

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DOCDB simple family (publication)

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DOCDB simple family (application)

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