

Title (en)

U-flow radiator having an end tank with a Z-shape separator

Title (de)

U-Fluss-Heizung mit einem Endtank und einem z-förmigen Trenner

Title (fr)

Radiateur à débit en U doté d'un réservoir terminal avec un séparateur en forme de Z

Publication

EP 2317271 A1 20110504 (EN)

Application

EP 09174690 A 20091030

Priority

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Abstract (en)

A U-flow heat exchanger (10) comprising of a heat exchange core (12) having a plurality of tubes (14), an I/O tank (24) connected to a first end of the core through a header plate (32), and a return tank (26) connected to a second end of the core, said I/O tank being divided into a first chamber (50) and a second chamber (52) by a separating member (54), a first group (G1) of tubes being in communication with the first chamber through the header plate, a second group (G2) of tubes being in communication with the second chamber through the header plate, characterized in that the separating member is configured such that a third group (G3) of tubes, arranged between the first and the second groups, is in communication with the first chamber on one side of the separating member and with the second chamber on the other side of the separating member.

IPC 8 full level

F28F 9/02 (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP)

F28D 1/05391 (2013.01); **F28F 9/0207** (2013.01); **F28F 2210/08** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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