

Title (en)
PLATE HEAT EXCHANGER

Title (de)
STAPELSCHEIBEN-WÄRMETAUSCHER

Title (fr)
ECHANGEUR THERMIQUE A EMPILEMENT DE PLAQUES

Publication
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Application
EP 06706195 A 20060111

Priority
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Abstract (en)
[origin: WO2006074903A1] The invention relates to a plate heat exchanger, especially for a motor vehicle, comprising several conducting devices (3, 4), above all flat pipes, in the form of elongate disks which are stacked on top of each other, are interconnected, particularly soldered together, and are composed of two elongate half disks (41) that form a hollow space for conducting a medium therethrough. Each end of said half disks (41) is provided with a first through-hole (48; 49) for feeding or discharging the medium, said through-hole (48; 49) being disposed between two other through-holes (55, 56; 60, 61) from the perspective of the transversal direction of the half disks. In order to create a plate heat exchanger that has a simple design and can be produced at a low cost, an edge region (57, 58; 62, 63) of the other through-holes (55, 56; 60, 61) is embodied in a raised manner and is substantially provided with the shape of a pot encompassing a bottom in which the associated through-hole is recessed.

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• US 2511084 A 19500613 - SHAW JOE C
• US 2003131979 A1 20030717 - KIM HYEONG-KI [KR]

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