

Title (en)
HEAT EXCHANGE PLATE USED FOR PLATE-TYPE HEAT EXCHANGER AND PLATE-TYPE HEAT EXCHANGER PROVIDED WITH THE HEAT EXCHANGE PLATE

Title (de)
WÄRMEAUSTAUSCHPLATTE FÜR PLATTENWÄRMETAUSCHER UND PLATTENWÄRMETAUSCHER MIT DER WÄRMEAUSTAUSCHPLATTE

Title (fr)
PLAQUE D'ÉCHANGE DE CHALEUR UTILISÉE POUR UN ÉCHANGEUR DE CHALEUR DE TYPE À PLAQUES ET ÉCHANGEUR DE CHALEUR DE TYPE À PLAQUES POURVU DE LA PLAQUE D'ÉCHANGE DE CHALEUR

Publication
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Application
EP 15758798 A 20150213

Priority
• CN 201410081940 A 20140307
• CN 2015073007 W 20150213

Abstract (en)
[origin: EP3115731A1] A heat exchange plate used for a plate-type heat exchanger. The heat exchange plate comprises: a heat exchange part (10); multiples protrusions (14) that protrude from a plate plane (12) to at least one side of the plate plane (12) in the heat exchange part (10), the multiple protrusions (14) being aligned along multiple lines; and a transition part (16) that is between adjacent protrudes (14) aligned along a line and that protrudes to at least one side of the plate plane (12), the size of the top of each protrusion (14) in a direction perpendicular to the line being larger than the size of the top of the transition part (16). Strength of the heat exchange plate of the plate-type heat exchanger is improved by increasing the size of a welding part or a bearing part.

IPC 8 full level
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CPC (source: EP US)
F28F 3/025 (2013.01 - EP US); **F28F 3/042** (2013.01 - EP US)

Citation (search report)
• [X] US 2011088882 A1 20110421 - PERSSON LARS [CN]
• [X] KR 100950689 B1 20100331 - KOREA DELPHI AUTOMOTIVE SYSTEM [KR]
• [XI] US 2012118548 A1 20120517 - HAN SANG CHUL [KR], et al
• [A] CN 101158561 A 20080409 - BEIJING JINGHAI HEAT TRANSFER [CN]
• See references of WO 2015131758A1

Designated contracting state (EPC)
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