

Title (en)
HEAT EXCHANGER INSERT

Title (de)
WÄRMETAUSCHEREINSATZ

Title (fr)
INTERCALAIRE D'ECHANGEUR DE CHALEUR

Publication
EP 2893282 A1 20150715 (FR)

Application
EP 13763186 A 20130910

Priority
• FR 1258476 A 20120910
• EP 2013002711 W 20130910

Abstract (en)
[origin: WO2014037122A1] The invention relates to an insert intended to encourage exchange of heat between a first fluid and a second fluid, said insert comprising a concertina-folded plate (2) for the circulation of the first fluid, said plate being intended to come into thermal contact with circulation channels for the second fluid, said plate comprising a multiplicity of ridges (9) able to divert the circulation of said first fluid from a flow direction (5), said insert having a density of ridges (9) that increases in said flow direction. The invention also relates to a heat exchange bundle comprising a plurality of such inserts, and to a heat exchanger for a cooling circuit comprising such a heat exchange bundle.

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Citation (search report)
See references of WO 2014037122A1

Citation (examination)
• JP 2003042677 A 20030213 - CALSONIC KANSEI CORP
• US 2010230085 A1 20100916 - FENG YI [CA], et al

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