

Title (en)
HEAT EXCHANGER FOR SMALL COMPONENTS

Title (de)
WÄRMEAUSTAUSCHER FÜR KLEINBAUTEILE

Title (fr)
ECHANGEUR THERMIQUE POUR COMPOSANTS DE PETITE TAILLE

Publication
EP 1894238 A1 20080305 (DE)

Application
EP 06754389 A 20060616

Priority
• EP 2006005776 W 20060616
• DE 102005029074 A 20050623

Abstract (en)
[origin: DE102005029074B3] The exchanger has an inlet channel (2) with a metal connection pipe (21) continuously expanding itself to a heat exchanging unit (3) at an inlet side. A discharge channel (4) starts from the unit (3) and continuously narrows itself up to a metal connection pipe (41). The unit (3) has an inner structure that runs in a flow direction for increasing a heat transfer and extends in an inner space from a lower side to an upper side.

IPC 8 full level
H01L 23/473 (2006.01); **F28F 3/04** (2006.01); **F28F 3/12** (2006.01); **F28F 9/26** (2006.01); **H01L 23/467** (2006.01)

CPC (source: EP US)
F28F 3/048 (2013.01 - EP US); **F28F 3/12** (2013.01 - EP US); **F28F 9/0263** (2013.01 - EP US); **H01L 23/473** (2013.01 - EP US); **F28D 2021/0029** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US)

Citation (search report)
See references of WO 2006136325A1

Designated contracting state (EPC)
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