

Title (en)
Flow guiding element and heat exchanger

Title (de)
Strömungsleitelement und Wärmtauscher

Title (fr)
Élément de guidage d'écoulement et échangeur thermique

Publication
EP 2161528 A3 20130515 (DE)

Application
EP 09011422 A 20090907

Priority
DE 102008045845 A 20080905

Abstract (en)
[origin: EP2161528A2] The element (50) has a laminar base plane (52) extending in a main flow longitudinal direction (3), and limiting structures (57) for forming and lateral limiting of number of flow paths (59). The flow path exhibits an upstream flow distance between the limiting structures laterally assigned to the flow path, and a downstream flow distance between the lateral limiting structures for influencing flow guidance in the longitudinal direction, where the distances are different from each other. The flow paths are arranged on a lateral extension between the limiting structures. An independent claim is also included for a heat exchanger for exchanging heat between the fluids.

IPC 8 full level
F28F 1/40 (2006.01); **F28D 9/00** (2006.01); **F28F 3/02** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)
F28D 9/0043 (2013.01); **F28D 9/0093** (2013.01); **F28F 1/40** (2013.01); **F28F 3/025** (2013.01); **F28F 3/027** (2013.01); **F28F 9/0282** (2013.01); **F28F 13/12** (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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