

Title (en)

Coaxial or pipe in pipe assembly, in particular for a heat exchanger

Title (de)

Koaxial oder Rohr-in-Rohr-Anordnung, insbesondere für einen Wärmetauscher

Title (fr)

Ensemble coaxial ou tube dans tube, en particulier pour échangeur de chaleur

Publication

EP 1790931 A3 20130501 (DE)

Application

EP 06022998 A 20061106

Priority

DE 102005056651 A 20051125

Abstract (en)

[origin: EP1790931A2] The arrangement has a low pressure side arranged in a radial direction near a central longitudinal axis than a high pressure side. A free flow section of the high pressure side is altogether smaller than a free flow section of the low pressure side. Inflow openings are provided for two mediums, where the inflow openings are arranged on different sides of the arrangement. An outer tube (5) of the arrangement is divided maximally into sixteen partial channels, where an inner tube (3) exhibits a small wall thickness.

IPC 8 full level

F28D 7/00 (2006.01); **F28D 7/10** (2006.01)

CPC (source: EP)

F25B 40/00 (2013.01); **F28D 7/0008** (2013.01); **F28D 7/106** (2013.01); **F25B 2309/061** (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 HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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