

Title (en)

Concentric tubes, in particular for a heat exchanger

Title (de)

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

Title (fr)

Tubes Coaxiales, en particulier pour un échangeur de chaleur

Publication

EP 1790933 A1 20070530 (DE)

Application

EP 06022999 A 20061106

Priority

DE 102005056650 A 20051125

Abstract (en)

The arrangement has maximally sixteen turbulence generators (11) in a cross sectional area. The turbulence generators are arranged in an area of inner pipes (3). Each turbulence generator is formed through a coil running in a longitudinal direction of the coaxial pipe or pipe in pipe arrangement. The turbulence generator has four and maximally twelve inner fins within the inner pipe. The fins have thickness of 0.1 to 0.2 millimeters.

IPC 8 full level

F28D 7/10 (2006.01); **F28F 1/40** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP)

F28D 7/106 (2013.01); **F28F 1/40** (2013.01); **F28F 13/12** (2013.01)

Citation (search report)

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- [X] BE 386945 A
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DE FR GB

Designated extension state (EPC)

AL BA HR MK YU

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