

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Echangeur de chaleur

Publication
EP 0911597 A3 20000524 (EN)

Application
EP 98118536 A 19980930

Priority
IT MI972380 A 19971022

Abstract (en)
[origin: EP0911597A2] A heat exchanger of the type comprising a substantially tube-shaped casing (1) with an inlet (5B) and an outlet (5A) for a first fluid, and a plurality of tubes (2) arranged longitudinally in the interior of said casing (1); each tube is connected to an entry element (7A) and an exit element (7B) for a second fluid, the first fluid flowing through the casing (1) in contact with the outer surfaces of said tubes; the tubes (2) within the casing (1) are substantially directly in contact with each other and with the inner walls (11) of said casing and have a cross-section such as to form within the casing (1) a plurality of microchannels (10), parallel to the tubes (2), for the flow of the first fluid. <IMAGE>

IPC 1-7
F28D 7/00; F28F 1/02

IPC 8 full level
F28D 7/00 (2006.01); **F28F 9/26** (2006.01); **F28F 13/08** (2006.01)

CPC (source: EP)
F28D 7/0041 (2013.01); **F28F 1/06** (2013.01); **F28F 9/26** (2013.01); **F28F 13/08** (2013.01)

Citation (search report)
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