

Title (en)
HEAT EXCHANGER TUBE

Title (de)
WÄRMETAUSCHERRÖHRE

Title (fr)
TUBE D'ÉCHANGEUR DE CHALEUR

Publication
EP 2718653 A1 20140416 (EN)

Application
EP 12737623 A 20120606

Priority
• PL 39521911 A 20110610
• PL 2012000044 W 20120606

Abstract (en)
[origin: WO2012169915A1] The heat exchanger tube is fitted with a coaxially positioned inner element to increase the heat exchange surface area and/or agitate the agent flowing through, namely a resilient insert (2) formed out of a rectangular plate into a bushing, with three-face fins (3) shaped outwards, triangular in cross-section, with centrally pointing apexes and the opposite sides touching on the inner wall of the tube body (1), where the surface sections (4) between the fins (3) form the inner cylindrical surface of the insert. Preferably, the fins (3) have additional ribbing formed by deflecting notched sections (5) and/or embossing (6).

IPC 8 full level
F28F 1/10 (2006.01); **F28F 9/24** (2006.01)

CPC (source: EP)
F28F 1/105 (2013.01); **F28F 13/12** (2013.01)

Citation (search report)
See references of WO 2012169915A1

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