

Title (en)
Vertical heat exchanger

Title (de)
Vertikaler Wärmetauscher

Title (fr)
Echangeur de chaleur vertical

Publication
EP 2600092 A1 20130605 (EN)

Application
EP 11191611 A 20111201

Priority
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Abstract (en)

The present invention relates to a vertical heat exchanger/evaporator (1) characterised in that the cylindrical shell (9) comprises a central cylindrical baffle (6) having closed ends, forming at each floor (7) a ringed space run through by the second fluid, the tubes (2) being arranged in circles in the shell (9) externally the central cylindrical baffle (6), with passages (8, 8', 8'') designed between two contiguous floors (7), so that the second fluid alternately flows in reverse rotation in said two contiguous floors (7).

IPC 8 full level
F28D 7/16 (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP)
F28D 7/1669 (2013.01); **F28D 7/1676** (2013.01); **F28F 9/22** (2013.01)

Citation (applicant)

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AL 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 RS SE SI SK SM TR

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