

Title (en)

A shell and tube equipment with a baffle structure for supporting the tubes

Title (de)

Schalen- und Rohrausrüstung mit einer Ablenkstruktur zum Tragen von Rohren

Title (fr)

Équipement à enveloppe et tube avec une structure à chicane destinée à supporter les tubes

Publication

EP 2818820 A1 20141231 (EN)

Application

EP 13174267 A 20130628

Priority

EP 13174267 A 20130628

Abstract (en)

A shell-and-tube equipment (1) comprising: a vessel (2), a tube bundle (3) inside the vessel, a plurality of support baffles (4, 4a) for supporting the tubes of said bundle, said support baffles having spaced part slots (5, 5a) formed therein, said slots being sized to receive a plurality of tubes therethrough, wherein said slots (5, 5a) are shaped as polygons with a number N of sides, and each slot receives at least a number N of tubes, which are located at the corner regions of the slot.

IPC 8 full level

F28F 9/013 (2006.01); **F28D 7/16** (2006.01)

CPC (source: EP)

F28D 7/16 (2013.01); **F28F 9/013** (2013.01); **F28F 2265/30** (2013.01)

Citation (applicant)

- US 4342360 A 19820803 - GENTRY CECIL C, et al
- US 2008245515 A1 20081009 - WANNI AMAR S [US], et al
- DE 102011107122 A1 20130117 - OHL HEAT TECHNOLOGY & SERVICES GMBH [DE]

Citation (search report)

- [XY] FR 2393217 A1 19781229 - WESTINGHOUSE ELECTRIC CORP [US]
- [XY] WO 03067170 A1 20030814 - SHELL INT RESEARCH [NL]
- [X] WO 2005015108 A2 20050217 - SHELL INT RESEARCH [NL], et al
- [X] US 4286366 A 19810901 - VINYARD ROY E

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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