

Title (en)  
Holder module for heat exchange tubes

Title (de)  
Haltemodul für Wärmetauscherrohre

Title (fr)  
Module de fixation pour tuyaux d'échange thermique

Publication  
**EP 2299231 A3 20140730 (DE)**

Application  
**EP 10169523 A 20100714**

Priority  
DE 102009039816 A 20090902

Abstract (en)  
[origin: EP2299231A2] The module (1) has a lower holding module half (1b) provided with a set of recesses (3b), where each recess receives a heat exchanger tube. An upper holding module half (1a) comprises a set of recesses (3a), and is placed onto the lower holding module half such that the recesses of the upper holding module half lie opposite to the recesses of the lower module half. A connecting element connects the upper and lower holding module halves. The connecting element is a plug-in element (11), which extends in a longitudinal direction of the exchanger tube. Independent claims are also included for the following: (1) a rack comprising a set of units for receiving multiple holding modules (2) a method for setting up a rack for heat exchanger tubes.

IPC 8 full level  
**F28F 9/013** (2006.01)

CPC (source: EP US)  
**F28F 9/0131** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)

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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 SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**EP 2299231 A2 20110323; EP 2299231 A3 20140730; EP 2299231 B1 20161221**; BR PI1003267 A2 20120529; CN 102003910 A 20110406; CN 102003910 B 20121212; DE 102009039816 A1 20110303; DK 2299231 T3 20170327; ES 2612338 T3 20170516; US 2011048674 A1 20110303

DOCDB simple family (application)  
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