

Title (en)
Heat exchanger with multiple tube bundles

Title (de)
Mehrfachrohrbündel-Wärmeaustauscher

Title (fr)
Echangeur de chaleur à multiples faisceaux de tubes

Publication
EP 1139055 B1 20021009 (DE)

Application
EP 01105969 A 20010310

Priority
• DE 10015717 A 20000329
• DE 10018392 A 20000413

Abstract (en)
[origin: EP1139055A2] The multiple pipe bundle heat exchanger has a housing (1,2,3) in which a multiplicity of pipe bundles (5A,5B,5C) are installed between axially opposing pipe bases. The housing is divided by walls (14) into chambers (10A,10B,10C) corresponding in number to the quantity of pipe bundles. The pipe bundles are formed as independent assembly groups comprising the heat exchange pipes (51) and pipes bases (52) fixed at their two axial ends. The housing consists of the cover part (1) and the dividing walls (14) forming the chambers. At both axial ends it has flanges (13) to which are fixed head pieces (2,3).

IPC 1-7
F28F 9/22; **F28D 7/16**; **F28F 9/00**

IPC 8 full level
F28F 9/02 (2006.01); **F28D 7/00** (2006.01); **F28D 7/16** (2006.01); **F28F 9/22** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP US)
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