

Title (en)
HEAT EXCHANGER

Title (de)
WÄRME BERTRAGER

Title (fr)
ECHANGEUR DE CHALEUR

Publication
EP 1664658 A1 20060607 (DE)

Application
EP 04786925 A 20040909

Priority

- EP 2004010069 W 20040909
- DE 10343239 A 20030917

Abstract (en)
[origin: WO2005028990A1] Disclosed is a heat exchanger comprising pipes and at least one receptacle (20). Said receptacle encompasses at least one pipe bottom (30) that is provided with passages (70), said passages (70) being surrounded by flanks (91-94).

IPC 1-7
F28F 9/02; F28F 9/18; F28D 1/053

IPC 8 full level
B21D 39/06 (2006.01); **F28D 1/053** (2006.01); **F28F 9/02** (2006.01); **F28F 9/18** (2006.01)

CPC (source: EP US)
B21D 39/06 (2013.01 - EP US); **F28D 1/0535** (2013.01 - EP US); **F28F 9/02** (2013.01 - EP US); **F28F 9/182** (2013.01 - EP US);
F28D 2021/0082 (2013.01 - EP US); **F28F 2225/08** (2013.01 - EP US)

Citation (search report)
See references of WO 2005028990A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005028990 A1 20050331; BR PI0414439 A 20061114; BR PI0414439 B1 20180529; CN 100472169 C 20090325; CN 1853083 A 20061025;
DE 10343239 A1 20050414; DE 10343239 B4 20210909; EP 1664658 A1 20060607; JP 2007506061 A 20070315; RU 2006112557 A 20071027;
RU 2380642 C2 20100127; US 2007000657 A1 20070104; ZA 200602221 B 20070530

DOCDB simple family (application)
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