

Title (en)
HEAT EXCHANGER FOR HOT WATER SUPPLY

Title (de)
WÄRMETAUSCHER FÜR HEISSWASSERVERSORGUNG

Title (fr)
CHANGEUR DE CHALEUR POUR ALIMENTATION EN EAU CHAUDE

Publication
EP 1719964 A4 20131106 (EN)

Application
EP 05709752 A 20050204

Priority
• JP 2005001687 W 20050204
• JP 2004030600 A 20040206

Abstract (en)
[origin: EP1719964A1] A hot water supply heat exchanger includes a water pipe (1) including a water pipe (W) and a refrigerant pipe (2) forming a refrigerant passage (R) and heats water flowing through the water passage (W) by a refrigerant flowing through the refrigerant passage (R). An inlet part (A) of the water passage (W) including water of a predetermined temperature or less is provided with a heat transfer enhancer. This sharply enhances the performance of the whole heat exchanger.

IPC 8 full level
F24H 1/00 (2006.01); **F28D 7/00** (2006.01); **F24H 9/00** (2006.01); **F25B 39/04** (2006.01); **F28D 7/02** (2006.01); **F28F 1/10** (2006.01); **F28F 1/40** (2006.01)

CPC (source: EP US)
F28D 7/0016 (2013.01 - EP US); **F28D 7/022** (2013.01 - EP US); **F28F 1/10** (2013.01 - EP US); **F28F 1/40** (2013.01 - EP US)

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

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DOCDB simple family (application)
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