

Title (en)
REFRIGERATING MACHINE

Title (de)
KÜHLMASCHINE

Title (fr)
MACHINE FRIGORIFIQUE

Publication
EP 2090850 B1 20161005 (EN)

Application
EP 07849920 A 20071129

Priority
• JP 2007073089 W 20071129
• JP 2006323772 A 20061130

Abstract (en)
[origin: US2010031693A1] A refrigerating machine including: a cooling stage that cools a target object; a He condensation section onto which said object is mounted; a reservoir that communicates with said He condensation section, and is filled with He gas; and a heat transfer buffer member that is arranged between said cooling stage and said He condensation section, and is composed of a material having a thermal conductivity lower than that of said He condensation section.

IPC 8 full level
F25D 19/00 (2006.01)

CPC (source: EP KR US)
F25B 9/00 (2013.01 - KR); **F25B 9/14** (2013.01 - KR); **F25D 19/006** (2013.01 - EP US); **F25B 9/14** (2013.01 - EP US);
F25B 2400/17 (2013.01 - EP US); **F25D 2400/02** (2013.01 - EP US)

Cited by
WO2013178408A1

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DOCDB simple family (publication)
US 2010031693 A1 20100211; CN 101542219 A 20090923; CN 101542219 B 20120620; EP 2090850 A1 20090819; EP 2090850 A4 20111123; EP 2090850 B1 20161005; JP WO2008066127 A1 20100311; KR 101121232 B1 20120322; KR 20090085641 A 20090807; TW 200839162 A 20081001; TW I395916 B 20130511; WO 2008066127 A1 20080605

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US 51644907 A 20071129; CN 200780043390 A 20071129; EP 07849920 A 20071129; JP 2007073089 W 20071129; JP 2008547035 A 20071129; KR 20097010913 A 20071129; TW 96145465 A 20071129