

Title (en)
Condenser

Title (de)
Verflüssiger

Title (fr)
Condenseur

Publication
EP 1512925 A2 20050309 (EN)

Application
EP 04077385 A 20040823

Priority
KR 20030061149 A 20030902

Abstract (en)
A condenser where a refrigerant introduced from a compressor is coexisting in super-heated vapor, two-phase and super-cooled liquid states combines a plurality of refrigerant paths within at least one of super-heated vapor and two-phase regions to output the refrigerant to the super-cooled liquid region, and provides a proper percentage of the super-cooled liquid region.

IPC 1-7
F25B 39/04

IPC 8 full level
F25B 39/04 (2006.01); **F25B 40/02** (2006.01)

CPC (source: EP KR US)
F25B 39/04 (2013.01 - EP KR US); **F25B 40/02** (2013.01 - EP US)

Designated contracting state (EPC)
DE GB

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EP 1512925 A2 20050309; **EP 1512925 A3 20071226**; CN 100494814 C 20090603; CN 1590924 A 20050309; JP 2005077088 A 20050324; KR 20050023758 A 20050310; US 2005044882 A1 20050303

DOCDB simple family (application)
EP 04077385 A 20040823; CN 200410074900 A 20040830; JP 2004245552 A 20040825; KR 20030061149 A 20030902; US 92938604 A 20040831