Title (en)
REFRIGERATOR, AND METHOD FOR CONTROLLING OPERATION OF THE SAME

Title (de)
KÜHLVORRICHTUNG UND VERFAHREN ZUR STEUERUNG DES BETRIEBS DERSELBEN

Title (fr)
REFRIGERATEUR ET PROCEDE DE COMMANDE DE FONCTIONNEMENT DE CE REFRIGERATEUR

Publication
EP 1761733 A1 20070314 (EN)

Application
EP 04737099 A 20040621

Priority
KR 2004001481 W 20040621

Abstract (en)
[origin: WO2005124250A1] The present invention discloses a refrigerator which can individually cool a freezing chamber (F) and a refrigerating chamber (R) by dividing a heat exchange region of an evaporator (68) into a freezing chamber side region (68a) and a refrigerating chamber side region (68b), forming individual circulation passages for supplying cool air from each region to the freezing chamber (F) and the refrigerating chamber (R), and forming a freezing chamber fan (72) and a refrigerating chamber fan (74) on each circulation passage, and method for controlling operation of the same which can efficiently perform a cooling operation and reduce power consumption by effectively controlling the operations of each component.

IPC 8 full level
F25D 17/06 (2006.01); **F25B 39/02** (2006.01); **F25D 11/02** (2006.01); **F25D 17/04** (2006.01); **F25D 21/08** (2006.01); F25D 29/00 (2006.01)

CPC (source: EP)
F25B 39/022 (2013.01); **F25B 41/385** (2021.01); **F25B 41/39** (2021.01); **F25D 11/02** (2013.01); **F25D 17/045** (2013.01); **F25D 17/065** (2013.01); **F25D 21/08** (2013.01); F25B 2400/052 (2013.01); F25B 2500/01 (2013.01); F25D 29/00 (2013.01); F25D 2317/0682 (2013.01); F25D 2400/06 (2013.01); F25D 2700/12 (2013.01); F25D 2700/122 (2013.01)

Citation (search report)
See references of WO 2005124250A1

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 2005124250 A1 20051229; AT E425426 T1 20090315; DE 602004019987 D1 20090423; EP 1761733 A1 20070314; EP 1761733 B1 20090311

DOCDB simple family (application)
KR 2004001481 W 20040621; AT 04737099 T 20040621; DE 602004019987 T 20040621; EP 04737099 A 20040621