

Title (en)
Refrigerating apparatus with improved air circulation system

Title (de)
Kühlvorrichtung mit verbessertem Luftzirkulationssystem

Title (fr)
Appareil frigorifique avec système de circulation d'air amélioré

Publication
EP 2921804 A1 20150923 (EN)

Application
EP 14160677 A 20140319

Priority
EP 14160677 A 20140319

Abstract (en)
A refrigerating apparatus (100) comprises a cabinet (110) and first (105 U) and second (105 L) refrigerating compartments for food storage separate from each other. The refrigerating apparatus (100) comprises a first air channel (A CH,RU) between the cabinet (110) and a first refrigerating compartment wall (120 RU), and a second air channel (A CH,RL) between the cabinet (100) and a second refrigerating compartment wall (120 RL), said first (A CH,RU) and second (A CH,RL) air channels canalizing refrigerating air into the first (105 U) and second (105 L) refrigerating compartments, respectively. The first refrigerating compartment (105 U) opens out to the second air channel (A CH,RL) for allowing the refrigerating air within the first refrigerating compartment (105 U) to flow into the second refrigerating compartment (105 L) through the second air channel (A CH,RL), and the second refrigerating compartment (105 L) opens out to the first air channel (A CH,RU) for allowing the refrigerating air within the second refrigerating compartment (105 L) to flow into the first refrigerating compartment (105 U) through the first air channel (A CH,RU).

IPC 8 full level
F25D 17/06 (2006.01)

CPC (source: EP)
F25D 17/065 (2013.01)

Citation (applicant)
• EP 0793066 A2 19970903 - LIEBHERR HAUSGERAETE [DE]
• GB 867292 A 19610503 - WHIRLPOOL CO

Citation (search report)
• [X] DE 1143215 B 19630207 - LINDE EISMASCH AG
• [X] EP 1580504 A2 20050928 - LG ELECTRONICS INC [KR]
• [X] US 2866323 A 19581230 - CANDOR ROBERT R
• [X] US 3119240 A 19640128 - DEVERY MICHAEL H
• [X] DE 102011006807 A1 20121011 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
CN112325542A; US2021116161A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2921804 A1 20150923; EP 2921804 B1 20190508; PL 2921804 T3 20200131

DOCDB simple family (application)
EP 14160677 A 20140319; PL 14160677 T 20140319