

Title (en)
Refrigerator with air curtain

Title (de)
Kühlschrank mit Kälteschleier

Title (fr)
Réfrigérateur avec rideau d'air

Publication
EP 1715266 A3 20090415 (DE)

Application
EP 06007963 A 20060418

Priority
• DE 202005006618 U 20050420
• DE 202005016871 U 20051026

Abstract (en)
[origin: EP1715266A2] The high cooling cabinet has first receiving space (200) for means to produce cool air (600). An isolated second receiving space (400) for chilling goods which are to be cooled with an access opening (18) opened to the front side (17) of the second receiving room. Means to produce cool air stream are formed as cooling veil (601) in the area of the access opening and directed downwards in the second receiving room. The means have elements (65,68) for injecting the cool air stream from above in the area of the access and for exhausting cool air stream from below, from the area of the access opening.

IPC 8 full level
F25D 23/02 (2006.01)

CPC (source: EP)
A47F 3/0447 (2013.01)

Citation (search report)
• [XY] US 4347710 A 19820907 - IBRAHIM FAYEZ F
• [Y] GR 1004219 B 20030519 - DIMOU MARIA ANDREA
• [YA] FR 2770630 A1 19990507 - ORTION DIDIER [FR]
• [Y] JP 2005043017 A 20050217 - SHARP KK
• [X] US 4325227 A 19820420 - IBRAHIM FAYEZ F
• [X] US 5502979 A 19960402 - RENARD ANDRE [FR]
• [X] EP 0976348 A1 20000202 - RISC NV [BE]
• [A] DE 3122545 A1 19821230 - MACK ALOIS ING GRAD

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
DE 202005016871 U1 20060614; EP 1715266 A2 20061025; EP 1715266 A3 20090415

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DE 202005016871 U 20051026; EP 06007963 A 20060418