

Title (en)

Device to distribute air in glass-fronted cabinets and display counters

Title (de)

Vorrichtung zur Luftverteilung für Verkaufstheken und Vitrinen mit Glasvorderwänden

Title (fr)

Dispositif pour distribuer un flux d'air dans une vitrine à paroi frontale vitrée et dans un comptoir de présentation

Publication

EP 1029477 A1 20000823 (EN)

Application

EP 00102849 A 20000211

Priority

IT UD990036 A 19990219

Abstract (en)

Device to distribute air for glass-fronted cabinets, counters, or in general containers which are refrigerated, heated or otherwise climatically conditioned, said containers (10) comprising a compartment (15) defining a volume containing the foodstuffs to be conserved, and possibly one or more overlying levels to contain the products facing the customer's side, said containers (10) also comprising a technical compartment (16) inside which the ventilation unit (22) and the thermal conditioning unit (30) are housed, said containers (10) comprising at least a transparent front element (20) facing the customer's side, the device comprising a conveyor element (25) transparent and substantially invisible arranged inside the compartment (15) and able to define, together with said transparent front element (20), an air-conveyor channel (26) which affects at least part of said transparent front element (20). <IMAGE>

IPC 1-7

A47F 3/04

IPC 8 full level

A47F 3/04 (2006.01)

CPC (source: EP)

A47F 3/0413 (2013.01)

Citation (applicant)

- DE 3704245 A1 19880825 - LINDE AG [DE]
- DE 3137961 A1 19830414 - MACK ALOIS ING GRAD

Citation (search report)

- [Y] US 5606863 A 19970304 - KICKLIGHTER BERRY C [US], et al
- [Y] CH 643444 A5 19840615 - HOOGSTRAAL AG [CH]
- [A] US 2706387 A 19550419 - SWANSON SVEN V

Citation (examination)

US 4750335 A 19880614 - WALLACE GEORGE E [US], et al

Citation (third parties)

Third party :

- IT 1288368 B1 19980922 - FRIGOR SYSTEM S N C DI TOMAREL [IT]
- IT 1288368 T2 19980922 - FRIGOR SYSTEM S N C DI TOMAREL [IT]
- IT AR980002 U1 19990723 - FRIGOR SYSTEM S N C [IT]
- IT AR980002 T3 19990723 - FRIGOR SYSTEM S N C [IT]

Cited by

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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