

Title (en)
Convection barrier

Title (de)
Konvektionssperre

Title (fr)
Barrière de convection

Publication
EP 2154455 A1 20100217 (EN)

Application
EP 08161793 A 20080805

Priority
EP 08161793 A 20080805

Abstract (en)
A convection barrier (2) for a freezer (1) comprises a plurality of individual flaps (20) arranged one above the other in a manner such as to be capable of forming a closed curtain of individual flaps (20), with each individual flap (20) extending over a predetermined width corresponding at least to the width of the interior of the freezer and being pivotable (5) between a closed position and an open position so as to allow access to the interior of the freezer when the flap (20) is in the open position, and actuation means (24,240) attached to the individual flaps (20) for allowing an actuator (40,400) to engage the actuation means (24,240) of an individual flap (20) so as to pivot (5) the said flap (20) between the closed position and the open position.

IPC 8 full level
F25D 23/02 (2006.01); **A01N 1/02** (2006.01); **F25D 11/04** (2006.01); **F25D 13/02** (2006.01); **F25D 25/04** (2006.01)

CPC (source: EP US)
F25D 23/025 (2013.01 - EP US); **F25D 11/04** (2013.01 - EP US); **F25D 13/02** (2013.01 - EP US); **F25D 25/04** (2013.01 - EP US)

Citation (applicant)
JUSTIN M. OWEN; PETER WOODS: "Designing and implementing a large- scale automated -80°C archive", INTERNATIONAL JOURNAL OF EPIDEMIOLOGY, vol. 37, 2008, pages I56 - I61

Citation (search report)

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- [Y] "SELF-STOP COVER MECHANISM", IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 32, no. 3B, 1 August 1989 (1989-08-01), pages 42/43, XP000029931, ISSN: 0018-8689

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2154455 A1 20100217; EP 2154456 A1 20100217; US 2010031685 A1 20100211

DOCDB simple family (application)
EP 08161793 A 20080805; EP 09167047 A 20090803; US 46221909 A 20090731