

Title (en)

Quick moving door for cold-storage buildings

Title (de)

Schnelllaufator für Tiefkühlhäuser

Title (fr)

Porte à déplacement rapide pour entrepôts frigorifiques

Publication

EP 0816624 B1 20050518 (DE)

Application

EP 97109299 A 19970609

Priority

DE 19625215 A 19960625

Abstract (en)

[origin: EP0816624A2] The door has a flexible door sheet wound up over a roller above the door opening and with guides at the sides. These guides can be heated. The seals are aprons(18) which lie against the sheet at a sharp angle. There are several aprons lying on each other, the ones nearer the sheet being shorter than the ones above. Warm air is used to heat the guide, there being a suction opening on the colder side of the sheet. The door has an air outlet on the warmer side. The door has a three-sided housing, preferably comprising one upper and two side "isopanel", and has a seal between the top and the winding roller.

IPC 1-7

E06B 9/08; **F25D 21/04**

IPC 8 full level

E06B 9/08 (2006.01); **E06B 9/13** (2006.01); **E06B 9/58** (2006.01); **F25D 21/04** (2006.01); **F25D 23/02** (2006.01); **E06B 9/24** (2006.01); **F25D 13/00** (2006.01)

CPC (source: EP)

E06B 9/08 (2013.01); **E06B 9/13** (2013.01); **E06B 9/582** (2013.01); **F25D 21/04** (2013.01); **F25D 23/021** (2013.01); **E06B 2009/17069** (2013.01); **E06B 2009/2458** (2013.01); **E06B 2009/586** (2013.01); **F25D 13/00** (2013.01)

Cited by

EP1136647A3; ES2541791A1; DE29821157U1; CN114459192A; DE102007036652A1; DE102007036652B4; EP1403601A1; FR2799539A1; EP1302734A3; CN103806827A; EP1327842A3; EP2987940A1; US10968698B2; WO2016131476A1; WO2016162583A1; WO2004053283A3; US6959748B2; US8113265B2; EP4119761A1; EP1327842A2; EP3919715A1

Designated contracting state (EPC)

BE DE FR GB IT SE

DOCDB simple family (publication)

DE 19625215 A1 19980102; **DE 19625215 C2 20010503**; DE 59712312 D1 20050623; EP 0816624 A2 19980107; EP 0816624 A3 19981125; EP 0816624 B1 20050518

DOCDB simple family (application)

DE 19625215 A 19960625; DE 59712312 T 19970609; EP 97109299 A 19970609