

Title (en)

A GLASS DOOR AND HINGE STRUCTURE

Publication

EP 0314477 A3 19901107 (EN)

Application

EP 88310115 A 19881027

Priority

FI 874793 A 19871030

Abstract (en)

[origin: EP0314477A2] The invention relates to a glass door intended for use in refrigeration and freezing spaces, comprising two or more panes (2), of which the outermost pane (2), facing away from the refrigeration and freezing space, is heated by means of an electrically conductive layer (4) on the inside of the pane, there being installed between the panes an intermediate trim (5), and which panes are at their edges surrounded by a plastic U-profile strip (6), and a light-metal frame (1) to which there is attached a tightening strip (7) which is of hard plastic and which, together with the light-metal profile (1), forms a U-shaped inner surface against which the U-profile strip (6) bears. The invention also relates to a hinge structure specifically for a door intended for use in refrigeration and freezing spaces.

IPC 1-7

A47F 3/04; H05B 3/26; E05F 1/12; E06B 3/26

IPC 8 full level

A47F 3/04 (2006.01); E05F 1/12 (2006.01); E06B 3/263 (2006.01); F25D 23/02 (2006.01); H05B 3/84 (2006.01)

CPC (source: EP)

A47F 3/043 (2013.01); E05F 1/123 (2013.01); E06B 3/26341 (2013.01); F25D 23/028 (2013.01); H05B 3/84 (2013.01); E05Y 2900/202 (2013.01); E05Y 2900/31 (2013.01); F25D 2323/024 (2013.01)

Citation (search report)

- [A] US 4127765 A 19781128 - HEANEY JAMES J
- [A] US 4496201 A 19850129 - ALLGEYER DAVID F [US]
- [A] US 3524920 A 19700818 - STROMQUIST MICHAEL E, et al
- [A] US 4029942 A 19770614 - LEVIN BERTON P
- [A] US 4149348 A 19790417 - PYZEWSKI STANLEY J
- [A] US 3499245 A 19700310 - WINSLER ROBERT J, et al
- [A] US 3348349 A 19671024 - WALTER PETERSEN
- [A] US 3418755 A 19681231 - DI CHIARO JOSEPH A
- [A] GB 1301651 A 19730104
- [A] FR 2073465 A6 19711001 - KAESBOHRER FAHRZEUG KARL

Cited by

CN102926633A; EP0674865A1; EP1455045A1; FR2821519A1; BE1011279A3; GB2529753A; JP2016048139A; US7246470B2; WO0000713A1; WO02069673A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0314477 A2 19890503; EP 0314477 A3 19901107; DK 601288 A 19890501; DK 601288 D0 19881028; FI 79171 B 19890731; FI 79171 C 19891110; FI 874793 A0 19871030; FI 874793 A 19890501; NO 884831 D0 19881028; NO 884831 L 19890502

DOCDB simple family (application)

EP 88310115 A 19881027; DK 601288 A 19881028; FI 874793 A 19871030; NO 884831 A 19881028