

Title (en)

Hold-open mechanism for refrigerated display cabinet.

Title (de)

Offenhaltungsvorrichtung für gekühlte Schaukästen.

Title (fr)

Mécanisme de maintien en position ouverte pour une vitrine réfrigérée.

Publication

EP 0111019 A1 19840620 (EN)

Application

EP 82111346 A 19821207

Priority

EP 82111346 A 19821207

Abstract (en)

A hold-open mechanism is disclosed which is particularly suitable for use on a self-closing door assembly for a refrigerated display cabinet. The hold-open mechanism includes a stop plate (46) carried by the hinged door (20), and a hold-open spring (50) mounted on the door frame (16) which supports the door (20). In one embodiment, the hold-open spring (50) is selectively positionable so as to accommodate normal swinging movement of the door (20) in one position, and is adapted to releasably engage and retain the stop plate (46) on the door (20) in a second position so that the door (20) is maintained opened. In another embodiment, the hold-open mechanism (50) automatically operates to releasably retain the door (20) in its fully opened position whenever the door (20) is moved to that position.

IPC 1-7

E05D 11/10; **E05D 7/08**

IPC 8 full level

E05D 7/08 (2006.01); **E05D 11/10** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP)

E05D 7/081 (2013.01); **E05D 11/105** (2013.01); **F25D 23/028** (2013.01); **E05Y 2900/202** (2013.01); **F25D 2323/024** (2013.01)

Citation (search report)

- [YD] US 2987782 A 19610613 - KUROWSKI WALTER J
- [Y] DE 2935460 A1 19810319 - HAPPICH GMBH GEBR
- [A] FR 1406002 A 19650716 - SIMACA AUTOMOBILES
- [AD] US 3131421 A 19640505 - JOSEPH KUROWSKI WALTER

Cited by

EP2492425A1; EP2083142A1; WO2009132974A1; EP2196119A1; EP1879480A4; CN103322749A; EP2574870A1; ITRE20110075A1; WO2009071039A1; WO2007128839A1; DE102007058594A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0111019 A1 19840620; **EP 0111019 B1 19861105**; DE 3274134 D1 19861211

DOCDB simple family (application)

EP 82111346 A 19821207; DE 3274134 T 19821207