

Title (en)

Guide and closure device for sliding door for a cold room

Title (de)

Führungs- und Verschießvorrichtung für Schiebetüren von Kalträumen

Title (fr)

Guides et dispositif de fermeture des portes coulissantes d'une chambre froide

Publication

EP 2275761 A1 20110119 (EN)

Application

EP 10169110 A 20100709

Priority

IT MI20091251 A 20090714

Abstract (en)

A guide and closure device for a cold room sliding door (1) comprises an overhead guide (2) positioned to correspond with a wall (16) of said cold room in which an aperture (14) is provided onto which the door (1), movable along said guide (2) via guided support means (20) associated with the door, closes; the support means (20) comprise eccentric means (33) cooperating with counteracting means (57) rigid with the guide (2) when the door corresponds with said aperture (14), said cooperation resulting in a first movement of the door (1) parallel to itself and to the cold room wall perpendicular to this latter, said support means (20) also cooperating with ramp means (21) arranged to move the door (1) relative to the guide (2) parallel to itself in a direction perpendicular to the guide simultaneously with said first movement when the eccentric means (33) cooperate with the counteracting means (57).

IPC 8 full level

F25D 23/02 (2006.01); **E05D 15/10** (2006.01)

CPC (source: EP)

E05D 15/1021 (2013.01); **F25D 23/021** (2013.01); **E05Y 2900/102** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

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