

Title (en)

Door hinge, in particular for a coldroom, with separable components and intermediate protection element

Title (de)

Türscharnier, insbesondere für einen Kühlraum, mit abtrennbaren Komponenten und Zwischenschutzelement

Title (fr)

Charnière de porte, en particulier pour une chambre froide, avec composants séparables et élément de protection intermédiaire

Publication

EP 1980698 A3 20121003 (EN)

Application

EP 08101957 A 20080225

Priority

IT MI20070132 U 20070412

Abstract (en)

[origin: EP1980698A2] A coldroom door hinge comprises a body (2) presenting two parts (3, 4) movable relative to each other but held together by a retaining element (6), a first (3) of said parts (3, 4) being rotatable about a longitudinal axis (W) of said body and being rigid with said door, the second (4) of said parts (3, 4) being fixed to a doorpost, inclined plane portions (10, 11) being present between said parts (3, 4) to cause the first part (3) and second part (4) to separate on rotating the first part (3) about said longitudinal axis (W), this separation taking place along said axis with consequent lifting of the door from a reference surface or floor. A protection element for said portions (10, 11) is present at said portions (10, 11) or in a region of separation between the parts (3, 4) of the hinge body (2), and is disposed about said portions (10, 11) to protect these portions from dust or the like when the first part (3) and second part (4) of the hinge body (2) separate.

IPC 8 full level

E05F 1/06 (2006.01)

CPC (source: EP)

E05F 1/063 (2013.01); **E05F 1/1223** (2013.01); **E05D 5/121** (2013.01); **E05D 11/0054** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2800/40** (2013.01); **E05Y 2900/102** (2013.01)

Citation (search report)

- [XY] BE 663524 A
- [X] US 4631777 A 19861230 - TAKIMOTO HIDEAKI [JP]
- [Y] GB 2399387 A 20040915 - LAIRD SECURITY HARDWARE LTD [GB]

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

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