

Title (en)

Support, fixing and damping device for a compressor in a refrigerator

Title (de)

Stütz-, Fixierungs- und Dämpfungsvorrichtung für einen Kühlschrankverdichter

Title (fr)

Dispositif de support, de fixation et de serrage d'un compresseur dans un réfrigérateur

Publication

EP 1837613 A2 20070926 (EN)

Application

EP 07103195 A 20070228

Priority

IT MI20060520 A 20060322

Abstract (en)

A support, fixing and damping device for a compressor (2) in a refrigeration appliance having a refrigerator circuit containing said compressor (2), this latter having flat lateral projecting portions (47) provided with at least one through hole (48) and being positioned in a compartment of a cabinet of said refrigeration appliance, in said compartment a bracket (6) being present to which said lateral portions (47) of said compressor are fixed, retention members (13) being provided to cooperate with said lateral portions (47) in order to fix them to the support (6); each retention member (13) presents a flat part (21) on which at least one elastically projecting element (29) is present and is movable relative to a corresponding seat (30) provided in said flat part (21), this latter slidably receiving a projecting lateral portion (47) of the compressor (2) in its movement from a first side (50) of said member to an opposing second side (41) thereof, during said movement the projecting element (29) of said member (13) being urged towards the corresponding seat (30) to subsequently emerge therefrom when it is reached by the hole (48) present in said projecting lateral portion (47) of the compressor (2), in said situation the projecting element (29) penetrating into the hole (48) to block said sliding, said member (13) having lateral means (42) for retaining said lateral portions (47) in a direction perpendicular to that of said sliding.

IPC 8 full level

F25D 23/00 (2006.01)

CPC (source: EP)

F25D 23/006 (2013.01); **F25B 2500/13** (2013.01)

Cited by

EP3327379A1; CN102947656A; CN107076498A; CN107830681A; CN103988033A; EP2789936A4; ES2604032A1; WO2021081609A1; WO2011009778A3; WO2021081610A1; WO2021081608A1; WO2011101232A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1837613 A2 20070926; EP 1837613 A3 20090916; IT MI20060520 A1 20070923

DOCDB simple family (application)

EP 07103195 A 20070228; IT MI20060520 A 20060322