

Title (en)

Mutual stiffening device for two adjacent metal frames at different levels.

Title (de)

Vorrichtung zur gegenseitigen Versteifung von zwei metallischen, benachbarten Rahmen in unterschiedlichen Lagen.

Title (fr)

Dispositif permettant de solidariser entre eux deux châssis métalliques contigus appartenant à des niveaux différents.

Publication

**EP 0122661 A2 19841024 (FR)**

Application

**EP 84200469 A 19840403**

Priority

BE 210554 A 19830414

Abstract (en)

[origin: US4563849A] There is described a device for interlocking together two adjacent metal frames from two different levels in a "glass skin", fitted on the framework of a building, whereon said frames are mounted either rigidly or flexibly, the components of said device having to be mounted on two frame sections which are horizontally adjacent in mounting position, which is comprised on the one hand of a male part integral with a section from the one frame, and on the other hand of a female part integral with a section from an adjacent frame which is mounted in use position, in an adjacent level, the female part having a lengthwise recess extending in mounting position, in parallel relationship with the general plane of the frame under consideration, in such a way that under the action of a translation movement of the one frame relative to another one, made in that general plane both said frames lie in, the male part is free to perform a translation and/or rotating movement relative to the female part, while both adjacent frames are joined for the movement thereof in a plane at right angle to the general plane thereof, that is in a plane at right angle to the "glass skin" formed by all of said frames together, the device components insuring the transfer of the stresses from the one frame to the other in the plane at right angle to the front wall.

Abstract (fr)

L'invention concerne un dispositif permettant de solidariser entre eux deux châssis métalliques, caractérisé par une pièce mâle (7) solidaire d'un profilé appartenant à un châssis et, d'autre part, par une pièce femelle (6) solidaire d'un profilé appartenant à un châssis contigu, de manière telle que, sous l'influence d'un mouvement de translation d'un châssis par rapport à un autre, effectué dans le plan général occupé par ces deux châssis, la pièce mâle (7) peut exécuter librement un mouvement de translation et/ou de rotation par rapport à la pièce femelle.

IPC 1-7

**E04B 2/88**

IPC 8 full level

**E04B 2/88** (2006.01); **E04B 2/90** (2006.01); **E04B 2/96** (2006.01); **E06B 1/64** (2006.01); **E06B 1/62** (2006.01)

CPC (source: EP US)

**E04B 2/88** (2013.01 - EP US); **E04B 2/967** (2013.01 - EP US); **E06B 1/64** (2013.01 - EP US); **E06B 2001/628** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0122661 A2 19841024**; **EP 0122661 A3 19861008**; BE 896466 A 19830801; JP S6037350 A 19850226; US 4563849 A 19860114

DOCDB simple family (application)

**EP 84200469 A 19840403**; BE 210554 A 19830414; JP 7383884 A 19840412; US 59658584 A 19840404