

Title (en)

DISSIPATOR PANELS AND RESPECTIVE BUILDING SYSTEM

Title (de)

ENERGIEUMWANDLUNGSPATTEN UND ENTSPRECHENDES GEBÄUDESYSYEM

Title (fr)

PANNEAUX DISSIPATEURS ET SYSTÈME DE CONSTRUCTION CORRESPONDANT

Publication

EP 3012379 A1 20160427 (EN)

Application

EP 15190995 A 20151022

Priority

PT 10797814 A 20141022

Abstract (en)

This application describes dissipator panels for seismic reinforcement of buildings that reduce the seismic vulnerability of the constructions that incorporate them, and the respective construction system. Each dissipator panel corresponds to a flat articulated structure comprised of a dissipative central device (1), by diagonals (2), uprights (3), crossbars (4) and connections (5). The uprights (3) correspond to the vertical elements and the crossbars (4) to the horizontal elements, which are placed at the level of the floors. The uprights (3) and the crossbars (4) form a square or rectangular flat structure. The central dissipator (1) is positioned by matching its geometric center with the intersection of the diagonals of the parallelogram formed by the uprights (3) and by the crossbars (4). To the central dissipator device (1) the diagonals (2) of the dissipator panels are connected, corresponding to inclined bars according to the diagonals of the parallelogram.

IPC 8 full level

E04B 1/98 (2006.01); **E04H 9/02** (2006.01)

CPC (source: EP US)

E04G 23/0218 (2013.01 - EP); **E04G 23/0296** (2013.01 - EP); **E04H 9/0237** (2020.05 - EP US)

Citation (applicant)

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