

Title (en)

System of seismic-resistant prefabricated elements for the building trade, and relative laying method

Title (de)

System aus erdbebensicheren vorgefertigten Elementen für das Bauwesen und entsprechende Installationsmethode

Title (fr)

Système de antisismique éléments préfabriqués pour le bâtiment et la méthode d'installation

Publication

EP 2322742 B1 20170830 (EN)

Application

EP 10191249 A 20101115

Priority

IT UD20090204 A 20091116

Abstract (en)

[origin: EP2322742A1] System of prefabricated elements for the building trade, comprising at least a pillar of the steel-concrete mix type (50) and a girder (40). The system comprises at least an anti-seismic device, consisting of an anti-seismic element (30) having at least a central element (31) associated with respective upper (34) and lower (35) plates. The plates (34, 35) include seatings to house respective anchoring elements, respectively upper (36) and lower (37). The anti-seismic device also consists of at least a distancing plate (43, 44, 60) able to anchor the anti-seismic element (30) to a support base (45), or to the lower part of the girder (40), or to the upper or lower part of the pillar (50). The plate (43, 44, 60) defines a free space to house operating equipment.

IPC 8 full level

E04B 1/21 (2006.01); **E04H 9/02** (2006.01); **E02D 27/34** (2006.01)

CPC (source: EP US)

E04B 1/21 (2013.01 - EP); **E04H 9/021** (2013.01 - EP US); **E02D 27/34** (2013.01 - EP)

Citation (examination)

- WO 2009034585 A1 20090319 - ALGA SPA [IT], et al
- WO 02090681 A1 20021114 - DAMPTECH APS [DK], et al

Cited by

CN112814157A; CN106245969A; CN107386455A; JP2015214825A; JP2017502182A; JP2017106236A; JP2018111969A; CN112814156A

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