

Title (en)

Earthquake-proof connecting device for connecting structural elements

Title (de)

Erdbebensichere Verbindungsvorrichtung zur Verbindung von Strukturelementen

Title (fr)

Dispositif de raccordement parasismique pour relier des éléments structurels

Publication

**EP 2696011 A3 20140430 (EN)**

Application

**EP 13179781 A 20130808**

Priority

IT MI20121416 A 20120808

Abstract (en)

[origin: EP2696011A2] An earthquake-proof connecting device (1; 40; 70; 100) for connecting a first structural element (9, 19; 44a, 44b; 74, 75) to a second structural element (19, 9; 44b, 44a; 75, 74) is provided with a first fixing element (2; 42; 72; 102) which is configured to be fixed to the first structural element (9, 19; 44a, 44b; 74, 75) and is provided with a guide (14; 47; 85; 114) for housing slidably a second fixing element (3; 43; 73; 103) configured to be fixed to the second structural element (19, 9; 44b, 44a; 75, 74).

IPC 8 full level

**E04H 9/02** (2006.01)

CPC (source: EP US)

**E04H 9/021** (2013.01 - EP US)

Citation (search report)

- [X] US 5363610 A 19941115 - THOMAS DELBERT D [US], et al
- [XI] JP 2001173267 A 20010626 - MAEDA CONSTRUCTION
- [A] EP 0889179 A1 19990107 - JAPAN HIGHWAY PUBLIC CORP [JP], et al

Cited by

JP2018025036A; CN114197676A; JP2017133282A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2696011 A2 20140212; EP 2696011 A3 20140430; EP 2696011 B1 20161207**; ES 2617076 T3 20170615; IT MI20121416 A1 20140209; SI 2696011 T1 20170531

DOCDB simple family (application)

**EP 13179781 A 20130808**; ES 13179781 T 20130808; IT MI20121416 A 20120808; SI 201330562 A 20130808