

Title (en)
SEISMIC ISOLATOR

Title (de)
ERDBEBENDÄMPFER

Title (fr)
ISOLATION SISMIQUE

Publication
EP 3327226 A1 20180530 (EN)

Application
EP 17203536 A 20171124

Priority
IT 201600119806 A 20161125

Abstract (en)
A seismic isolator (1) for a building (10) is provided; the building (10) comprises a substructure (11) and a superstructure (12); the seismic isolator (1) is between the substructure (11) and the superstructure (12) and comprises a first anchor body (2) to the superstructure (12) defining a first base surface (2a) and a lateral surface (2b); a second anchor body (3) to the substructure (11) defining a second base surface (3a) and a second lateral surface (3b); a vertical discharge unit (4) in contact with the base surfaces (2a, 3a) so as to allow the weight of the superstructure (12) to be discharged onto the substructure (11); and an anti-vibration device (5) in contact with the lateral surfaces (2b, 3b) and suitable to absorb horizontal movements between the substructure (11) and superstructure (12).

IPC 8 full level
E04H 9/02 (2006.01)

CPC (source: EP US)
E04H 9/023 (2013.01 - EP US)

Citation (search report)

- [X] US 2004131287 A1 20040708 - LEE GEORGE C [US], et al
- [X] US 5689919 A 19971125 - YANO KENICHI [JP]
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- [A] US 2035143 A 19360324 - GIUSEPPE CAVAGLIERI
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Cited by
IT201800010041A1; CN111101615A

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

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