

Title (en)
ANTI-SEISMIC DEVICE

Title (de)
ERDBEBENSICHERE VORRICHTUNG

Title (fr)
DISPOSITIF ANTI-SISMIQUE

Publication
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Application
EP 19704887 A 20190205

Priority
• IT 201800002453 A 20180206
• IB 2019050900 W 20190205

Abstract (en)
[origin: WO2019171184A1] An anti-seismic device (1) is provided for seismically isolating a structure (2) relative to the ground (3) comprising a first support (4) defining a first support plane (4a) integrally connectable to an upper portion and comprising at least two first hinges (40) defining a first constant reciprocal distance (d'), a second support (5) defining a second support plane (5a) comprising at least two second hinges (50) defining a second constant reciprocal distance (d''), a third support (6) defining a third support plane (6a) integrally connectable to a lower portion and comprising at least two third hinges (60) defining a third constant reciprocal distance (d'''), and connection means (7) defining a connection plane (7a) perpendicular to the third support plane (6a) and comprising at least two first rigid bars (70), each defining a first non-deformable direction of connection (70a) and two second rigid bars (71), each defining a second non-deformable direction of connection (71 a), wherein the first bars (70) are transiently constrained to a first hinges (40) and a second hinge (50) so that said first directions of connection (70a) of the first bars (70) cross in said connection plane (7a), and wherein the second bars (71) are transiently constrained each to a second hinges (50) and a third hinge (60) so that said second directions of connection (71 a) of said second bars (71) cross in said connection plane (7a).

IPC 8 full level
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