

Title (en)
MODULAR SEISMIC-RESISTANT SUPPORTING SYSTEM FOR CONSTRUCTIONS

Title (de)
MODULARES ERDBEBENSICHERES UNTERSTÜTZUNGSSYSTEM FÜR BAUTEN

Title (fr)
SYSTÈME DE SUPPORT ANTISISMIQUE MODULAIRE POUR CONSTRUCTIONS

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EP 3538717 A1 20190918 (EN)

Application
EP 17811707 A 20171109

Priority
• IT 201600113028 A 20161109
• IB 2017057002 W 20171109

Abstract (en)
[origin: WO2018087686A1] Modular seismic-resistant supporting system (100) for constructions comprising: - at least one pair of outer vertical support elements (101); - at least one upper horizontal guide element (102a) and at least one lower horizontal guide element (102b) comprised between the outer vertical support elements (101); - at least one pair of inner vertical support elements (103) comprised between the outer vertical support elements (101), equipped with upper ends housed within said upper horizontal guide element (102a) and lower ends housed within said lower horizontal guide member (102b); - at least one pair of transverse elements (104) at the intersection between the outer vertical support elements (101) and the inner vertical support elements (103); - at least two pairs of connecting elements (106) positioned at the intersections between said outer vertical support elements (101) and said upper and lower horizontal guide elements (102a, 102b); and - 1 - - at least one pair of retaining elements (108) interposed between the outer vertical support elements (101) and the transverse elements (104); characterized in that: - the at least one pair of retaining elements (108) comprises an upper profile (108a) and a lower profile (108b), the upper profile (108a) being overlaid to the lower profile (108b); and - the upper and lower guide elements (102a, 102b) comprise a plurality of upper reinforcement elements (102aa) inserted between the upper guide element (102a) and the upper ends of the inner vertical support elements (103) and a plurality of lower reinforcement elements (102ba) inserted between the lower guide element (102b) and lower ends of the inner vertical support elements (103).

IPC 8 full level
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CPC (source: EP)
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