

Title (en)
A building seismic strengthening system

Title (de)
Seismisches Gebäudeverstärkungssystem

Title (fr)
Système de renfort sismique de bâtiment

Publication
EP 2672038 A3 20140625 (EN)

Application
EP 13169294 A 20130527

Priority
SI 201200184 A 20120606

Abstract (en)
[origin: EP2672038A2] The building seismic strengthening system according to the invention solves the problem of strengthening walls (1) of existing buildings with massive cross laminated timber panels (3) of monolithic or multi-piece assembly, with or without openings (7) for the existing windows and doors, and attached to the inner and/or outer side of walls (1) with a layer of glue (4) and additionally connected with anchoring bolts (5) and self-tapping wood screws (11). The system is especially useful for strengthening of existing buildings on seismically active areas.

IPC 8 full level
E04G 23/02 (2006.01); **E04H 9/02** (2006.01); **E04H 9/08** (2006.01)

CPC (source: EP)
E04G 23/0218 (2013.01); **E04H 9/027** (2013.01)

Citation (search report)

- [IY] CN 101215930 A 20080709 - UNIV HUNAN [CN]
- [IJ] WO 9314278 A1 19930722 - HEYDON JOHN J [US]
- [Y] US 6074149 A 20000613 - HABERMEHL G LYLE [US], et al
- [Y] US 2004071524 A1 20040415 - HABERMEHL G LYLE [US]
- [A] CN 101863058 B 20120104 - DEHUA TB NEW DECORATION MATERIAL CO LTD
- [A] JP 2006125069 A 20060518 - FUSHIMI TETSUO
- [A] JP 2005126955 A 20050519 - NIPPON STEEL CORP, et al

Cited by
CN113833306A; IT201800005726A1; IT201700024226A1; IT202200006944A1

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