

Title (en)

Method for reinforcing a wall structure and corresponding reinforcement system

Title (de)

Verfahren zur Verstärkung einer Wandstruktur, und entsprechendes Verstärkungssystem

Title (fr)

Procédé de renforcement d'une structure de paroi et système de renforcement correspondant

Publication

**EP 2586935 B1 20150318 (EN)**

Application

**EP 12190463 A 20121029**

Priority

IT BO20110611 A 20111028

Abstract (en)

[origin: EP2586935A1] A method for reinforcing a wall structure, said method provides to: drill transverse holes (39, 40) into the wall structure (1); apply several plates (8-11) onto the wall structure (1) so that a through hole (13, 21, 22, 28, 33) of each plate (8-11) is coaxial to a respective transverse hole (39, 40) of the wall structure (1); insert, into each transverse hole (39, 40), a respective threaded cylindrical bar (41), so that at least one free end thereof projects from the hole (13, 21, 22, 28, 33) of the plate (8-11) coaxial to such a transverse hole (39, 40); block each plate (8-11) at the end of the related bar (41) by means of a nut (42), so that the plate (8-11) presses against the wall structure (1); inject mortar into the transverse holes (39, 40); and bind each plate (8-11) to the adjacent plates (8-11) by means of respective closed loop bindings (12), through suitable eyelets (14, 23, 24, 29, 34, 37) of the plates (8-11).

IPC 8 full level

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CPC (source: EP)

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Cited by

IT201700056983A1; IT201700057611A1; CN103993753A; CN108868180A; JP2016031000A

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