

Title (en)

Composite system for reinforcing building elements

Title (de)

Verbundsystem zur Verstärkung von Bauteilen

Title (fr)

Système composite destiné à renforcer des éléments de construction

Publication

EP 2722466 A1 20140423 (DE)

Application

EP 13189403 A 20131018

Priority

DE 102012109950 A 20121018

Abstract (en)

The system has tight-connection elements (2) fastened to the system in a force-fit manner and made of concrete i.e. fine grain concrete, textile-reinforced by carbon fibers, alkali-resistant glass fibers, plastic fibers or basalt fibers. The connection elements are arranged on sides of a masonry wall (1) such that the connection elements are vertically offset to each other. Fastening holes (3) are provided for retaining a connection unit e.g. spreading anchor or injection anchor, and for connecting the connection unit to the wall, where distance between the holes amounts to 25 cm.

Abstract (de)

Die vorliegende Erfindung betrifft ein Verbundsystem zur Verstärkung von Wänden und Stützen mit an diesen form- und kraftschlüssig befestigten zugfesten Elementen (2).

IPC 8 full level

E04G 23/02 (2006.01); **E04C 2/06** (2006.01); **E04C 5/07** (2006.01); **E04H 9/02** (2006.01)

CPC (source: EP)

E04C 2/06 (2013.01); **E04C 2/14** (2013.01); **E04G 23/0218** (2013.01); **E04H 9/027** (2013.01); **E04C 5/07** (2013.01)

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