Title (en)

Method for attaching a reinforcement or cladding to an existing builing part and building part with attached reinforcement or cladding

Title (de)

Verfahren zum Anbringen einer Verstärkung bzw. Verkleidung an einem bestehenden Bauteil sowie Bauteil mit daran angebrachter Verstärkungs- bzw. Verkleidungsschicht

Title (fr)

Procédé d'application d'un renforcement ou d'un revêtement sur un élément de construction existant, ainsi qu'élément de construction doté d'une couche de renforcement ou de revêtement appliquée dessus

Publication

EP 2182139 B1 20160928 (DE)

Application

EP 09013653 A 20091030

Priority

DE 102008053978 A 20081030

Abstract (en)

[origin: EP2182139A2] The method involves attaching a multi-layer reinforcement mat (3) on a structural component (4) by using mechanical anchoring elements (5). A smoothing cement of hydraulic-setting material is filled into outer fabric layers of the reinforcement mat. The smoothing cement is allowed to set to form a formwork (1), where the smoothing cement is infiltrated into the outer fabric layers through a hose by applying pressure. A space between the formwork and the structural component is filled with a free-flowing cement mortar mixture or concrete mixture (2). An independent claim is also included for a structural component provided with a reinforcement or facing layer from a multi-layer reinforcement mat.

IPC 8 full level

E04G 23/02 (2006.01)

CPC (source: EP US)

E04G 23/0218 (2013.01 - EP US); E04G 2023/0251 (2013.01 - EP US)

Citation (examination)

DE 202007005496 U1 20080821 - DUCOSTONE GMBH [DE]

Cited by

WO2015197620A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2182139 A2 20100505; **EP 2182139 A3 20120530**; **EP 2182139 B1 20160928**; DE 102008053978 A1 20100610; DE 102008053978 B4 20120105; ES 2608634 T3 20170412; PL 2182139 T3 20170630; US 2010107537 A1 20100506; US 8397457 B2 20130319

DOCDB simple family (application)

EP 09013653 A 20091030; DE 102008053978 A 20081030; ES 09013653 T 20091030; PL 09013653 T 20091030; US 60532209 A 20091024