

Title (en)

Punching reinforcement for reinforcing a concrete structure against punching around the support area of a floor slab

Title (de)

Durchstanzbewehrung zum Bewehren eines Betonbauwerkes gegen Durchstanzen im Bereich der Auflage eines Deckenelementes auf einer Stütze

Title (fr)

Armature de poinçonnement d'une structure en béton armé contre le poinçonnement aux alentours de la zone d'appui d'une dalle

Publication

EP 2166171 B1 20190522 (DE)

Application

EP 09012089 A 20090923

Priority

DE 202008012547 U 20080923

Abstract (en)

[origin: EP2166171A1] The arrangement has a set of anchor elements (14) concreted at a distance to each other in a local zone for supporting ceiling areas in a ceiling and oriented transverse or diagonally bent to a ceiling surface. The anchor elements are aligned along a shear reinforcement element (12), where the anchor element is designed as twin-headed anchor. The shear reinforcement element is designed as metal strips or strut elements that are inclinedly arranged at an angle in an extending direction of the anchor elements.

IPC 8 full level

E04B 5/43 (2006.01); **E04C 5/06** (2006.01)

CPC (source: EP)

E04B 5/43 (2013.01); **E04C 5/0645** (2013.01)

Citation (examination)

- EP 2108753 A1 20091014 - KRUMMEL GERHARD [DE]
- DE 202007018210 U1 20080313 - KAHNEISEN GMBH DEUTSCHE [DE]

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)

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DOCDB simple family (application)

DE 202008012547 U 20080923; EP 09012089 A 20090923; EP 09012090 A 20090923; PL 09012089 T 20090923