

Title (en)

Shear reinforcement element for a supporting plate and supporting plate with a built-in thrust reinforcement element

Title (de)

Schubbewehrungselement für eine Tragplatte und Tragplatte mit eingebautem Schubbewehrungselement

Title (fr)

Élément d'armature de cisaillement pour une plaque de support et plaque de support dotée d'un élément d'armature de cisaillement intégré

Publication

EP 2653627 A3 20161005 (DE)

Application

EP 13002011 A 20130417

Priority

DE 102012008057 A 20120421

Abstract (en)

[origin: EP2653627A2] The shear reinforcement element (12) has an upper anchoring sheet, in which enlarged heads of tension rods (16) are incorporated in a load transferring manner. The lower side of the shear reinforcement element is made of multiple foot sockets, in which the enlarged lower heads of tension rods are incorporated. The bottom surfaces of the foot sockets of the tension rods extend below a lower reinforcement. The foot sockets consists of a high strength concrete, in which the lower head of the tension rods is infused. The foot sockets consist of socket elements formed of metal or plastic. An independent claim is included for a support plate with a covering.

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 (search report)

- [A] WO 9723695 A1 19970703 - DEHA ANKERSYSTEME [DE], et al
- [A] EP 2239391 A1 20101013 - ECOLE POLYTECH [CH]
- [A] DE 102009056826 A1 20110203 - FACHHOCHSCHULE GIESEN FRIEDBERG [DE]
- [A] DE 29806261 U1 19980820 - ROJEK RICHARD PROF DR ING [DE]
- [A] DE 19813565 A1 19990930 - SCHOECK BAUTEILE GMBH [DE]

Cited by

AT521549A1; AT521549B1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2653627 A2 20131023; EP 2653627 A3 20161005; EP 2653627 B1 20171206; DE 102012008057 A1 20131024

DOCDB simple family (application)

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