

Title (en)

Construction element for shear and punching reinforcement

Title (de)

Bauelement zur Schub- bzw. Durchstanzbewehrung

Title (fr)

Élément de construction pour armature de cisaillement et de poinçonnement

Publication

EP 1703035 A1 20060920 (DE)

Application

EP 05026801 A 20051208

Priority

DE 102005007193 A 20050216

Abstract (en)

A method for reinforcing concrete floors and ceilings, especially near to the vertical supports, has parallel reinforcing bars (7, 9) secured between the upper and lower reinforcing mats (5, 6) and set at an angle in a vertical plane. The reinforcing bars are aligned via an internal connecting element (9) and are supported on the high loading concrete beams (10, 11) incorporated into the shuttering.

IPC 8 full level

E04C 5/06 (2006.01); **E04C 5/20** (2006.01)

CPC (source: EP)

E04C 5/0645 (2013.01); **E04C 5/20** (2013.01)

Citation (search report)

- [X] DE 29903114 U1 19990520 - SYSPRO GRUPPE BETONBAUTEILE E [DE]
- [X] DE 20120678 U1 20020314 - WALTER BAU AG [DE]
- [PX] WO 2005098160 A1 20051020 - UNIV WIEN TECH [AT], et al
- [A] GB 1411090 A 19751022 - GLEISBERG K D
- [A] DE 3015407 A1 19811029 - LEONHARDT FRITZ [DE], et al
- [DA] EP 1033454 A2 20000906 - SCHOECK BAUTEILE GMBH [DE]
- [E] EP 1630315 A1 20060301 - SCHOECK BAUTEILE GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1703035 A1 20060920; DE 102005007193 A1 20060824

DOCDB simple family (application)

EP 05026801 A 20051208; DE 102005007193 A 20050216