

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 1703036 B1 20080528 (DE)**

Application

**EP 05026802 A 20051208**

Priority

DE 102005008748 A 20050225

Abstract (en)

[origin: EP1703036A1] The reinforcement element (1) comprises several cap bolts (2) on a connector element (3) which comprises a profiled rail of concrete or plastics having a U or C shaped cross-section so that its profiled edges engage round the bolt heads. The profiled rail is preferably made of fibre-reinforced concrete in which the cap bolts can be fixed through adhesive or positive engagement. Independent claim describes method for assembling structural element where the connector element is first placed on the lower shuttering part with the groove facing upwards and then the lower bending reinforcement is positioned in the part to be reinforced and finally the cap bolts are pushed through the lower bending reinforcement and fixed in the groove of the connector.

IPC 8 full level

**E04C 5/06** (2006.01)

CPC (source: EP)

**E04C 5/0645** (2013.01)

Cited by

KR101320559B1; DE102019123256A1

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 1703036 A1 20060920; EP 1703036 B1 20080528**; AT E397130 T1 20080615; DE 102005008748 A1 20060831; DE 502005004265 D1 20080710; PL 1703036 T3 20081031

DOCDB simple family (application)

**EP 05026802 A 20051208**; AT 05026802 T 20051208; DE 102005008748 A 20050225; DE 502005004265 T 20051208; PL 05026802 T 20051208