

Title (en)

REINFORCING DOWEL FOR CONCRETE SLABS

Title (de)

BEWEHRUNGSDÜBEL FÜR BETONPLATTEN

Title (fr)

CHEVILLE D'ARMATURE POUR DALLES EN BETON

Publication

**EP 0698161 A1 19960228 (DE)**

Application

**EP 94915074 A 19940421**

Priority

- DE 4315900 A 19930512
- EP 9401232 W 19940421

Abstract (en)

[origin: CA2148834A1] (51) A reinforcing dowel (I) useful as a bent-up bar for concrete slabs (2), in particular for reinforced concrete flat roofs, has two separate shafts (3, 4) which partially overlap each other and which bear each a dowel bead (6, 7) at their overlapping ends. The tensile force is transmitted between both shafts (3, 4) in the longitudinal direction of the dowel by a diagonal strut (11) formed between the two dowel heads (6, 7) in the surrounding concrete. The desired total length of the reinforcing dowel (1) may be predetermined by changing the length of overlapping between the two shafts (3, 4).

IPC 1-7

**E04C 5/02**; E04C 5/16

IPC 8 full level

**E04C 5/18** (2006.01); **E04C 5/02** (2006.01); **E04C 5/06** (2006.01)

CPC (source: EP)

**E04C 5/02** (2013.01); **E04C 5/0645** (2013.01)

Citation (search report)

See references of WO 9426996A1

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI LU NL SE

DOCDB simple family (publication)

**DE 4315900 C1 19940721**; AU 6646294 A 19941212; CA 2148834 A1 19941124; EP 0698161 A1 19960228; JP H08510303 A 19961029; NO 953374 D0 19950828; NO 953374 L 19951113; WO 9426996 A1 19941124

DOCDB simple family (application)

**DE 4315900 A 19930512**; AU 6646294 A 19940421; CA 2148834 A 19940421; EP 9401232 W 19940421; EP 94915074 A 19940421; JP 52485694 A 19940421; NO 953374 A 19950828