

Title (en)

Bent up bars for flat slab floors.

Title (de)

Schubbewehrung für Flachdecken.

Title (fr)

Armature de cisaillement pour des plafonds plats.

Publication

EP 0495334 B1 19950322 (DE)

Application

EP 91810648 A 19910815

Priority

CH 13891 A 19910118

Abstract (en)

[origin: EP0495334A1] These bent-up bars are intended for flat slab floors mounted on supports and consisting of reinforced or prestressed concrete. They are provided, to increase the loadbearing capacity of zones subjected to transverse force in the region of these zones and corresponding to the requirements for shear allowance, with groups (a, b) of reinforcing bars (5) running at least approximately perpendicularly to the floor surface (4) and extending inside the flat slab floor (2). To achieve simple laying, said reinforcing bars are each provided at their upper and lower ends with a thickened head (6, 7) and are firmly connected to one another at their upper ends (6), in groups, by means of one spacer (8) in each case. In this case, the spacer (8) intended for resting on the upper bending reinforcement (9) is bent or angled at least over part of its length, seen in a horizontal plane. <IMAGE>

IPC 1-7

E04C 5/00

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)

Cited by

WO9905374A1; EP1754843A1; CH696204A5; DE19548685C1; US6052962A; US6161352A; US5867960A; DE29807557U1; CN104790577A; GB2328455A; EP0848118A3; DE202023101939U1; WO9528534A1; EP0947640A2; EP0744508A1; US7874110B2; WO9312305A1; WO0153623A3

Designated contracting state (EPC)

AT BE DE FR GR IT

DOCDB simple family (publication)

EP 0495334 A1 19920722; EP 0495334 B1 19950322; AT E120251 T1 19950415; CH 683545 A5 19940331; DE 59105008 D1 19950427

DOCDB simple family (application)

EP 91810648 A 19910815; AT 91810648 T 19910815; CH 13891 A 19910118; DE 59105008 T 19910815