

Title (en)
Construction element for shear reinforcement

Title (de)
Bauelement zur Schubbewehrung

Title (fr)
Élément de construction pour armature de cisaillement

Publication
EP 1055784 A1 20001129 (DE)

Application
EP 00110394 A 20000516

Priority
DE 19924418 A 19990527

Abstract (en)
The reinforcing element (2) is bent in ring shape to stand vertically between the top and bottom component parts (1) so as to present a statically closed ring welded up to give curved top and bottom sectors joined by vertical sectors (6,7). The curves are elliptical or circular and are joined to the bottom element by a connector (3) and joined top and bottom to the component parts (4,5). In a variant, the ring is broken open to one side to give two overlapping legs which close up to form the ring shape once concreted into position. The ring can be fitted horizontal or vertical as required and can be ribbed and is perforated when set of horizontal to ventilate the freshly poured concrete.

Abstract (de)
Die Erfindung betrifft ein Bauelement zur Schubbewehrung, insbesondere zur Kraftübertragung im Anschlußbereich von Stützen an bewehrte Bauteile wie Flachdecken und Bodenplatten, bestehend aus zumindest einem in dem Bauteil vertikal angeordneten Bewehrungselement (2), das sich zwischen einer oberen (4) und unteren (5) Bauteil-Biegebewehrung erstreckt, wobei das Bewehrungselement ringförmig gebogen ausgebildet ist, statisch zumindest nahezu einen geschlossenen Ring bildet und hochkant in dem Bauteil angeordnet ist. <IMAGE>

IPC 1-7
E04C 5/06

IPC 8 full level
E04C 5/06 (2006.01)

CPC (source: EP)
E04C 5/0645 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1055784 A1 20001129; DE 19924418 A1 20001130

DOCDB simple family (application)
EP 00110394 A 20000516; DE 19924418 A 19990527