

Title (en)  
CONNECTION AND STRESS REPARTITION ELEMENT FOR CONCRETE PARTS

Publication  
**EP 0119652 B1 19860716 (DE)**

Application  
**EP 84200350 A 19840310**

Priority  
CH 145883 A 19830316

Abstract (en)  
[origin: US4578916A] The element comprises a socket and a bar slidably insertable into the opening of the socket. Disposed around and spaced from both the socket and the bar are at least two closed loops each, of generally rectangular shape and made from reinforcing rods. The loops are secured to the socket and the bar, respectively, in one case by welding, in another case by means of a holder. Because they are symmetrically spaced from the socket and the bar, they ensure good distribution of pressure within the concrete.

IPC 1-7  
**E04B 1/48**; **E01C 11/14**; **E02D 5/18**; **E02D 29/16**

IPC 8 full level  
**E01C 11/14** (2006.01); **E02D 5/18** (2006.01); **E02D 29/16** (2006.01); **E04B 1/48** (2006.01)

CPC (source: EP US)  
**E01C 11/14** (2013.01 - EP US); **E02D 5/18** (2013.01 - EP US); **E02D 29/16** (2013.01 - EP US); **E04B 1/483** (2013.01 - EP US)

Cited by  
WO9925934A1; EP0194970A1; EP0818590A1; DE102005036881B4; US5911538A; EP0765967A1; EP0193494A1; WO0023653A1;  
DE102010017046A1; WO2012025106A2

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0119652 A2 19840926**; **EP 0119652 A3 19850508**; **EP 0119652 B1 19860716**; AT E20765 T1 19860815; CA 1220046 A 19870407;  
DE 3460289 D1 19860821; US 4578916 A 19860401

DOCDB simple family (application)  
**EP 84200350 A 19840310**; AT 84200350 T 19840310; CA 449695 A 19840315; DE 3460289 T 19840310; US 59037184 A 19840316