

Title (en)  
Device for the concentrated introduction of forces into concrete

Title (de)  
Vorrichtung zur konzentrierten Krafteinleitung in Beton

Title (fr)  
Dispositif pour l'introduction concentrée d'efforts dans le béton

Publication  
**EP 0826848 A2 19980304 (DE)**

Application  
**EP 97114472 A 19970821**

Priority  
DE 29615019 U 19960829

Abstract (en)  
The anchor fitting is designed to transfer a concentrated load to a block of concrete. It has two reinforcing members (1) made of metal rods and joined at their ends to the edges of a metal strap (2). This strap has a number of large holes (4) through it, into which the liquid concrete may flow in order to provide firm keying with interlocking of the metal and concrete components and division of the transferred forces between several contact points. In an alternative arrangement there are a number of cutouts along the edge of the metal strap. These cutouts may form teeth along the edge of the strip which interlock with the concrete when it sets.

Abstract (de)  
Um bei der Einleitung von Kräften in Beton diesen im Wesentlichen auf Druck zu beanspruchen ist eine mit dem Beton verzahnbare Verankerungseinrichtung (2) vorgesehen, die wenigstens einen an wenigstens einer Seite offenen Nischenbereich (4) aufweist, in den Beton eindringen kann und dessen Randbegrenzung zumindest im in Krafrichtung gesehen hinteren Bereich eine zumindest teilweise zur Krafrichtung verlaufende Leibungsfläche aufweist. <IMAGE>

IPC 1-7  
**E04C 5/16**; **E04C 3/294**; **E04B 1/00**; **E04C 5/12**

IPC 8 full level  
**E04B 1/00** (2006.01); **E04C 3/294** (2006.01); **E04C 5/12** (2006.01); **E04C 5/16** (2006.01)

CPC (source: EP)  
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