

Title (en)
Anchor insert for the manipulation of prefabricated elements.

Title (de)
Transportanker für Betonfertigteile.

Title (fr)
Ancrage pour le transport d'éléments préfabriqués.

Publication
EP 0122521 A2 19841024 (DE)

Application
EP 84103413 A 19840328

Priority
DE 3312458 A 19830407

Abstract (en)
[origin: ES286973U] The invention relates to an anchor tie member for use in carrying prefabricated concrete components, comprising a threaded portion for connecting the tie member to a lifting device and a tie rod having two end portions the first of which is secured to said threaded portion and the second of which is shaped so as to form at least one undulation therein. The arcuate shapes may be produced by a cold forming method and the presence of the undulation prevents the anchor tie from tearing out of the concrete while it is being transported and ensures a large breakout cone such that considerable forces may be withstood.

Abstract (de)
Der stabförmige Ankerteil 9 des Transportankers besitzt in der Nähe seines in den Beton hineinragenden Endes 7 eine wellenförmige Abbiegung 1, die im wesentlichen gebildet ist von dem kurzen Bogen 5 und von dem längeren Bogen 6. Diese Bögen können durch Kaltverformung gewonnen werden. Die wellenförmige Abbiegung 1 verhindert ein Ausreißen des Transportankers aus dem Beton und sichert einen großen Ausbruchkegel, so daß große Kräfte übertragen werden können.

IPC 1-7
E04G 21/14

IPC 8 full level
E04C 5/12 (2006.01); **E04G 21/14** (2006.01)

CPC (source: EP US)
E04G 21/142 (2013.01 - EP US)

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EP 0122521 A2 19841024; EP 0122521 A3 19850109; EP 0122521 B1 19870318; AT E26009 T1 19870415; AU 2641084 A 19841011; AU 568845 B2 19880114; DE 3312458 A1 19841011; DE 3462706 D1 19870423; DK 157567 B 19900122; DK 157567 C 19900611; DK 180484 A 19841008; DK 180484 D0 19840406; ES 286973 U 19860116; ES 286973 Y 19860916; HU 188619 B 19860428; US 4655015 A 19870407

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