

Title (en)
Stand for prestressing of concrete components.

Title (de)
Seil zum Vorspannen von Betonkörpern.

Title (fr)
Câble pour la mise sous tension d'éléments en béton.

Publication
EP 0516140 A1 19921202 (EN)

Application
EP 92109078 A 19920529

Priority
FI 912638 A 19910531

Abstract (en)
A strand for prestressing of concrete components, which strand (10) is made up of at least one central wire (4) and of a plurality of surface wires (1) twined around it, the central wire or wires running substantially without spiral in the longitudinal direction of the strand. The cross sectional area of the central wire (4) has been shaped so, or the strand (10) contains a plurality of central wires so located and dimensioned, that the envelope (6) of the cross section of the strand is made up of a combination of sections of two circles (Y1, Y2) of different radii (R1, R2) and is thus not rotationally symmetric. <IMAGE>

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D07B 1/06; **E04C 5/08**

IPC 8 full level
D07B 1/06 (2006.01); **E04C 5/08** (2006.01)

CPC (source: EP)
D07B 1/0693 (2013.01); **E04C 5/08** (2013.01); **D07B 2201/2016** (2013.01); **D07B 2201/2048** (2013.01); **D07B 2201/206** (2013.01); **D07B 2501/2023** (2013.01)

Citation (search report)
• [A] DE 2941541 A1 19810423 - CONTINENTAL GUMMI WERKE AG [DE]
• [A] US 3778993 A 19731218 - GLUSHKO M, et al
• [A] DE 656123 C 19380129 - PAUL KINTSCHEL
• [A] GB 299586 A 19281101 - AMERICAN CHAIN & CABLE CO
• [A] RESEARCH DISCLOSURE no. 319, November 1990, EMSWORTH (GB) pages 1 - 5; 'Steel cord construction'

Cited by
DE4432128A1; DE4432128C2; CN104499321A; US6863476B2; WO0220945A3

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