

Title (en)

Wire bundle anchor

Title (de)

Drahtbündelanker

Title (fr)

Tirant d'ancrage comportant un faisceau de fils métalliques

Publication

**EP 1589146 A1 20051026 (DE)**

Application

**EP 04405245 A 20040421**

Priority

EP 04405245 A 20040421

Abstract (en)

An improved design rock anchor which combines stability and flexibility is made from a loop of multi strand steel cable bent in the middle and looped through an eyelet forming tube (10) and with the double thickness shank (7) fitted with spacers (6) and cemented into the bore (3). For simpler insertion the ends of the shank are welded together and shaped into a point (8).

Abstract (de)

Drahtbündelanker (1), der für das Versetzen in das Bohrloch (3) die Steifheit und den optimalen Verbund eines Stabankers und im Beanspruchungsfall an der Austrittsstelle (15) aus dem Bohrloch die Flexibilität eines Seilankers aufweist, zum Aufnehmen der Resultierenden der Seilkräfte (14) deren Richtungen gegenüber der Ankerachse einen Ablenkwinkel (16) bis 60° aufweist. <IMAGE>

IPC 1-7

**D07B 1/18**; **E01F 7/04**

IPC 8 full level

**D07B 1/18** (2006.01); **E01F 7/04** (2006.01)

CPC (source: EP)

**D07B 1/18** (2013.01); **E01F 7/045** (2013.01)

Citation (search report)

- [A] EP 0915206 A1 19990512 - UTENSILERIE MECCANICHE MILANES [IT]
- [A] EP 0557241 A1 19930825 - FATZER AG [CH]

Cited by

CN108265712A; CN108560546A; CH701928B1; EP2829661A1; US9488048B2; JP2007107374A

Designated contracting state (EPC)

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