

Title (en)

ANCHOR, ESPECIALLY A FREE-PLAY ANCHOR

Publication

**EP 0220161 B1 19900425 (DE)**

Application

**EP 86890222 A 19860804**

Priority

- AT 120186 A 19860505
- AT 248185 A 19850826
- AT 249985 A 19850827

Abstract (en)

[origin: EP0220161A1] 1. Free-play anchor, in which at least one tensioning member (1) extends in an encasing tube (20), characterised in that in the region of a desired longitudinal mobility of the tensioning member (1), preferably in the region of the free tensioning length, the encasing tube (20) is guided to move longitudinally in at least a second tube (sliding tube) (21) and that the encasing tube (20) is filled with a cement stone which is able to flex in the case of an at least single overload of the tensioning member or of the tensioning members beyond the pre-set pre-tensioning force, or similar flexible filling material, which surrounds the tensioning member or tensioning members.

IPC 1-7

**E02D 5/80**

IPC 8 full level

**E02D 5/76** (2006.01); **E02D 5/80** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)

**E02D 5/76** (2013.01); **E02D 5/808** (2013.01); **E21D 21/0033** (2013.01); **E21D 21/006** (2016.01); **E21D 21/0073** (2016.01)

Cited by

DE9409363U1; EP0995878A3; DE4316097A1; DE9416718U1; DE29715363U1; DE3844417A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0220161 A1 19870429; EP 0220161 B1 19900425; AT E52290 T1 19900515; DE 3670660 D1 19900531**

DOCDB simple family (application)

**EP 86890222 A 19860804; AT 86890222 T 19860804; DE 3670660 T 19860804**