

Title (en)

ANCHOR HAVING A TIE ROD

Title (de)

ANKER MIT EINER ZUGSTANGE

Title (fr)

ANCRE AVEC UNE BARRE DE TRACTION

Publication

EP 2396559 A1 20111221 (DE)

Application

EP 10722530 A 20100215

Priority

- DE 2010000169 W 20100215
- PL 1419209 A 20090216
- DE 202009016340 U 20091201

Abstract (en)

[origin: WO2010091673A1] The invention relates to an anchor having a tie rod comprising a head on the front end thereof having a greater diameter than the tie rod at least in a radial direction, and having a longitudinally supported expanding sleeve longitudinally axially displaceably disposed on the tie rod in the direction of the head, so that forcing the expanding sleeve onto the head expands the expanding sleeve in the radial direction. According to the invention, the expanding sleeve contacts the tie rod with a friction fit without threads, said tie rod being preferably cranked. An extension of the expanding sleeve extends backwards over the area of the crank.

IPC 8 full level

F16B 13/12 (2006.01)

CPC (source: EP)

F16B 13/063 (2013.01); **F16B 13/122** (2013.01); **E04F 13/08** (2013.01)

Citation (search report)

See references of WO 2010091673A1

Citation (examination)

DE 8008908 U1 19800626

Citation (third parties)

Third party :

DE 8008908 U1 19800626

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 202009016340 U1 20100325; EP 2396559 A1 20111221; WO 2010091673 A1 20100819

DOCDB simple family (application)

DE 202009016340 U 20091201; DE 2010000169 W 20100215; EP 10722530 A 20100215