

Title (en)

Spacer tube for tying rods

Title (de)

Distanzrohr für Spannstäbe

Title (fr)

Tuyau d'écartement pour tirants d'ancrage

Publication

EP 1835091 A3 20110803 (DE)

Application

EP 07405004 A 20070108

Priority

CH 4092006 A 20060316

Abstract (en)

[origin: EP1835091A2] The tube (1) has a guiding tube (3) with an outer cladding surface (15) and an inner cladding surface (13), where the outer cladding surface surrounds an axis of the tube. Reinforcements (17) are designed in the form of knots and/or ribs (19) at the cladding surfaces of the guiding tube. The knots or ribs project outwards at the external cladding surface, where parts of the knots or ribs are arranged at a distance from front side ends of the guiding tube at a middle zone.

IPC 8 full level

E04G 17/06 (2006.01)

CPC (source: EP)

E04G 17/06 (2013.01)

Citation (search report)

- [X] DE 3922961 A1 19910117 - BAUMANN VERWERTUNGS GMBH [DE]
- [X] DE 29909716 U1 20000302 - HIENDL GMBH & CO KG H [DE]
- [X] GB 174458 A 19220201 - NOEL STEWART CHEDBURN, et al

Cited by

FR3014464A1; US2021324623A1; WO2019198078A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1835091 A2 20070919; EP 1835091 A3 20110803

DOCDB simple family (application)

EP 07405004 A 20070108