

Title (en)
Ground and rock anchor

Title (de)
Erd- und Felsanker

Title (fr)
Ancrage de terre ou de rocher

Publication
EP 2829661 B1 20171122 (DE)

Application
EP 13177343 A 20130722

Priority
EP 13177343 A 20130722

Abstract (en)
[origin: CA2857324A1] A ground and rock anchor (3) comprises a longitudinally stable, flexible tensile member (1), an anchorage part (2), in which the tensile member (1) may be fixed by the one end region (4), and an anchor head device, in which the tensile member (1) is held by the other end region (6). Said anchorage part (2) is designed to be introduced into a drilled hole in the ground or rock and anchored therein. The longitudinally stable, flexible tensile member (1) is provided at least at the one end region (4) fixed in the anchorage part (2) with at least one first loop (5). The anchorage part (2) is a substantially prismatic or cylindrical longitudinal body (8), which is formed of a hardenable composition, by which the at least one first loop (5) of the longitudinally stable, flexible tensile member (1) is surrounded. This configuration allows the forces to be optimally transferred.

IPC 8 full level
E02D 5/80 (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP US)
E02D 5/80 (2013.01 - EP US); **E21D 21/0026** (2013.01 - US); **E21D 21/0046** (2013.01 - US); **E02D 5/808** (2013.01 - EP US)

Cited by
DE102015220581A1; US11396138B2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2829661 A1 20150128; EP 2829661 B1 20171122; CA 2857324 A1 20150122; CA 2857324 C 20210126; JP 2015021383 A 20150202; US 2015023740 A1 20150122; US 9488048 B2 20161108

DOCDB simple family (application)
EP 13177343 A 20130722; CA 2857324 A 20140718; JP 2014146840 A 20140717; US 201414331756 A 20140715