

Title (en)

ANCHOR ARRANGEMENT IN THE GROUND, GROUND ANCHOR AND PROCEDURE FOR ANCHORING.

Title (de)

ANKERANORDNUNG IM BODEN, BODENANKER UND VERFAHREN ZUM VERANKERN

Title (fr)

ARRANGEMENT D'ANCRAGE DANS LA TERRE, FONDEZ L'ANCRE ET LA PROCÉDURE POUR JETER L'ANCRE.

Publication

EP 3321423 B1 20200108 (DE)

Application

EP 16198175 A 20161110

Priority

EP 16198175 A 20161110

Abstract (en)

[origin: WO2018086781A1] The invention relates to an anchor arrangement in the ground, having a ground anchor having an elongated traction element, which is introduced into a bore in the ground, wherein an anchor body is connected to the traction element on a ground-side anchoring portion, which has a larger outside diameter than the traction element, and the ground anchor comprises a heating device for releasing the traction element. Particularly efficient releasing of the traction element is achieved in that the connection to the tension element is formed by means of a connection material, which solidly connects the traction element to the anchor body at ambient temperature, wherein the connection is releasable at a specified release temperature. The invention further relates to a ground anchor provided for said purpose and to a method for anchoring.

IPC 8 full level

E02D 5/76 (2006.01)

CPC (source: EP)

E02D 5/765 (2013.01)

Cited by

CN110206031A

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 3321423 A1 20180516; EP 3321423 B1 20200108; WO 2018086781 A1 20180517

DOCDB simple family (application)

EP 16198175 A 20161110; EP 2017071642 W 20170829