

Title (en)

Method for facilitating the extraction of the reinforcement of a prestressed ground-anchor and corresponding anchor.

Title (de)

Verfahren zum erleichtern des Herausziehens der Armierung eines spannbaren Verpressankers und entsprechender Verpressanker.

Title (fr)

Procédé pour faciliter l'extraction de l'armature d'un tirant précontraint et tirant correspondant.

Publication

**EP 0638689 A1 19950215 (FR)**

Application

**EP 94401824 A 19940808**

Priority

FR 9309782 A 19930809

Abstract (en)

The invention relates to a prestressed ground anchor. The longitudinal reinforcement (6) in the anchor is sealed into the ground by a hardened sealing slurry in which there is, around the armature, a tube (2) designed to resist the prestressing tension but which is broken by a tension exerted on the reinforcement which is greater than the prestressing tension but insufficient to break the reinforcement. <IMAGE>

Abstract (fr)

L'invention concerne un tirant précontraint. L'armature longitudinale (6) du tirant est scellée au terrain par un coulis de scellement durci dans lequel se trouve, autour de l'armature, un tube (2) apte à résister à la traction de précontrainte mais qui est rompu par une traction, exercée sur l'armature, supérieure à la traction de précontrainte mais insuffisante pour rompre l'armature. <IMAGE>

IPC 1-7

**E02D 5/76**

IPC 8 full level

**E02D 5/80** (2006.01); **E02D 5/76** (2006.01)

CPC (source: EP)

**E02D 5/765** (2013.01)

Citation (search report)

- [A] DE 2627524 A1 19761223 - NITTO TECHNO GROUP KK
- [A] EP 0350454 A2 19900110 - VSL INT AG [CH]
- [A] DE 2606095 B1 19761202 - DYCKERHOFF & WIDMANN AG
- [A] EP 0545471 A1 19930609 - HOLLANDSCHE BETONGROEP NV [NL]

Cited by

EP1087063A1; EP1486617A1; EP1154077A1; US6588986B1; US6672806B2; WO2022134224A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0638689 A1 19950215; EP 0638689 B1 19980506**; AT E165885 T1 19980515; DE 69410035 D1 19980610; DE 69410035 T2 19981217; FR 2708948 A1 19950217; FR 2708948 B1 19951103; RU 2101418 C1 19980110; RU 94028646 A 19960527; ZA 945927 B 19950412

DOCDB simple family (application)

**EP 94401824 A 19940808**; AT 94401824 T 19940808; DE 69410035 T 19940808; FR 9309782 A 19930809; RU 94028646 A 19940805; ZA 945927 A 19940808