

Title (en)

Method for installing a removable, prestressed ground anchor with one or more tension members

Title (de)

Verfahren zur Erstellung eines rückbaubaren Verpressankers mit einem Verpresskörper und einem oder mehreren angeschlossenen Zuggliedern

Title (fr)

Procédé de mise en place d'un ancrage précontraint et amovible à un ou plusieurs tirants

Publication

EP 0816570 A3 19981111 (DE)

Application

EP 97111224 A 19970703

Priority

DE 19626828 A 19960704

Abstract (en)

[origin: EP0816570A2] The process forms an anchor with an injected element (3), such as concrete, which is fixed into the ground, and which is bonded to at least one element (4) which can be tensioned against a building (1). After use, a bursting element (7) can be withdrawn from the injected element using a withdrawal member (9), by breaking the injected element and releasing the bonding. A sealing element (10) forms a spaced enclosure around the part of the bursting element which projects from a jacket pipe (8). A pot-shaped attachment is also installed, and is filled with a medium, such as grease, which can be displaced.

IPC 1-7

E02D 5/80

IPC 8 full level

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

CPC (source: EP)

E02D 5/80 (2013.01)

Citation (search report)

[AD] DE 2806840 A1 19780907 - SUGIMURA SHIGERU, et al

Cited by

CN105239570A; US7823344B2; WO03100177A1; WO2004005627A1

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