

Title (en)

Trench protection method, in particular with a pillow preventing landslide

Title (de)

Schutzverfahren für eine Baugrube, insbesondere mit einem Kissen gegen den Erdrutsch

Title (fr)

Procédé de protection pour excavation, plus particulièrement avec un coussin anti éboulement

Publication

EP 2256252 A1 20101201 (FR)

Application

EP 10370006 A 20100512

Priority

FR 0902300 A 20090513

Abstract (en)

The device has a maintenance unit i.e. connection straps (2), distributed on height of an inflatable structure (S) and on a face of the device. The inflatable structure appears as a flexible pocket for allowing a rolled or flat folded storage of the device, where the inflatable structure is in parallelepiped form. The flexible pocket is reinforced by resistant fabrics, thick rubber or plastics. The inflatable structure comprises a valve (3) and a pressure relief valve (4).

Abstract (fr)

La présente invention concerne un dispositif de protection pour excavation caractérisé en ce qu'il est constitué avec une structure gonflable (S). En outre, il comporte des moyens de maintien avec d'autres dispositifs de protection équivalents.

IPC 8 full level

E02D 17/08 (2006.01)

CPC (source: EP)

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Citation (search report)

- [XAY] JP H0711698 A 19950113 - BRIDGESTONE CORP
- [IA] US 2674206 A 19540406 - WILLIAM SCOTT CARL
- [XAI] US 3864921 A 19750211 - MARX KARL, et al
- [Y] DE 3047225 A1 19820616 - FERROPLAST GMBH [DE]
- [A] JP H01102123 A 19890419 - TOKAI RUBBER IND LTD
- [A] JP H10280413 A 19981020 - NIPPON STEEL CORP
- [A] GB 2354021 A 20010314 - SMALLEY RICHARD [GB]
- [A] DE 3523869 C1 19860925 - RUHRKOHLE AG

Cited by

GB2495988A; US11634900B2; US10087595B2

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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