

Title (en)

Ground anchor with anchoring protective means and concave penetration profile

Title (de)

Bodenanker mit Zuggliedschutz und konkavem Eindringungsprofil

Title (fr)

Ancrage au sol avec moyens de protection du tirant et profil de pénétration concave

Publication

EP 1477613 A1 20041117 (FR)

Application

EP 03362005 A 20030514

Priority

EP 03362005 A 20030514

Abstract (en)

The device has a body (10) with a head, an upper part, a lower part and a rear part. A central core (32) is provided with a hole for receiving a tie-rod. Two protection shields of the tie-rod are arranged at interface between the core and the head. The lower part has two lateral sides which are joined in the lower part for forming a stopper. The head results from extension of upper and lower parts from the central core.

Abstract (fr)

- L'objet de l'invention est un dispositif d'ancrage comprenant un corps (10) avec une tête (12), une partie (14) supérieure et une partie (16) inférieure ainsi qu'une partie (18) arrière, caractérisé en ce qu'il comprend une âme (32) centrale munie d'un trou (36) prévu pour recevoir un tirant et au moins deux boucliers (40) de protection dudit tirant, disposés à l'interface entre ladite âme (32) et la tête (14). <IMAGE>

IPC 1-7

E02D 5/80

IPC 8 full level

E02D 5/80 (2006.01)

CPC (source: EP)

E02D 5/803 (2013.01)

Citation (applicant)

- EP 0725862 A1 19960814 - PLATIPUS ANCHORS LTD [GB]
- US 3969854 A 19760720 - DEIKE ROBERT F

Citation (search report)

- [XY] EP 0313936 A1 19890503 - FORESIGHT IND [US]
- [YA] US 4096673 A 19780627 - DEIKE ROBERT F
- [Y] US 936824 A 19091012 - SIMPSON FREDRICK V [US], et al
- [A] GB 2283511 A 19950510 - PLATIPUS ANCHORS LTD [GB]
- [A] US 5775037 A 19980707 - AGG CHARLES SIMON JAMES [GB]

Cited by

GB2485877A; GB2481022A; GB2481022B; EP2094914A4; US2014112723A1; US9447556B2; GB2599757A; GB2599757B; GB2609173A; GB2609173B; WO2021240285A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1477613 A1 20041117

DOCDB simple family (application)

EP 03362005 A 20030514