

Title (en)

GROUND ANCHOR, METHOD OF MAKING A GROUND ANCHOR AND CORROSION-PROOF SLEEVE FOR USE IN SAID METHOD

Publication

EP 0006703 B1 19820915 (EN)

Application

EP 79301094 A 19790608

Priority

GB 7827190 A 19780617

Abstract (en)

[origin: EP0006703A1] A method of making on site, a ground anchor comprising an anchor element (9) having a corrosion proof sleeve (1) secured to an end portion of the element, comprises locating a number of lengths of the sleeve (1) about the end portion of the element (9), applying a cap (11) to the end of the sleeve, and supplying a self-setting composition via the cap into an annular clearance (15) between the sleeve (1) and the element (9). The cap (11) may be left in place to seal the end of the anchor and to protect the anchor during insertion into a borehole. The sleeve (1) preferably comprises an outer layer of plastics, an intermediate layer of set filler and an inner layer of metal. The invention includes the sleeved anchor element and the sleeve lengths themselves.

IPC 1-7

E21D 21/00; **E21D 20/02**; **E02D 5/76**

IPC 8 full level

E02D 5/76 (2006.01); **E02D 5/80** (2006.01); **E21D 20/00** (2006.01); **E21D 20/02** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)

E02D 5/76 (2013.01); **E21D 20/02** (2013.01); **E21D 21/0013** (2013.01)

Cited by

GB2566253A; CN106351220A; BE1002282A5; WO2012162472A1; WO2024008807A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0006703 A1 19800109; **EP 0006703 B1 19820915**; AT E1554 T1 19820915; BR 7903733 A 19800415; DE 2963669 D1 19821104; ES 481592 A1 19800216; JP S557393 A 19800119; ZA 792992 B 19800625

DOCDB simple family (application)

EP 79301094 A 19790608; AT 79301094 T 19790608; BR 7903733 A 19790613; DE 2963669 T 19790608; ES 481592 A 19790615; JP 7555079 A 19790615; ZA 792992 A 19790615