

Title (en)

Supporting element protected against corrosion for an earth or rock anchor, pressure pile or the like

Title (de)

Korrosionsgeschütztes Tragelement für einen Erd- oder Felsanker, einen Druckpfahl oder dergleichen

Title (fr)

Élément de support protégé contre la corrosion pour une ancre de sol ou de roche, pieu comprimé ou similaire

Publication

EP 0585537 B1 19960925 (DE)

Application

EP 93108410 A 19930525

Priority

CH 258992 A 19920820

Abstract (en)

[origin: EP0585537A1] In a supporting element (1) protected against corrosion for an earth or rock anchor or a pressure pile, consisting of a supporting member (3) which is provided with a tubular envelope (4) and in which the hollow space between the supporting member (3) and the envelope (4) is filled by a hardening material (5), e.g. cement mortar, the tubular envelope (4) consists of a casing tube extending over the entire length of the supporting member (3) and made of plastic, e.g. polyethylene, and having a cross-section which is identical over its entire length and which, in the area of the force-transmission length (Lv) at locations (6, 7) at a distance from one another, is shaped to form different cross-sections with different transverse extension. A smooth-walled, appropriately thick plastic tube presenting less of an injury risk can thereby also be arranged in the force-transmission area (Lv) without impairing the force transmission. <IMAGE>

IPC 1-7

E02D 5/80

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0979899A1; US8142109B2; DE19632356A1; DE4432128A1; DE4432128C2; DE202021000006U1; DE102021003798A1; EP3943665A2

Designated contracting state (EPC)

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