

Title (en)  
AN ANCHORING DEVICE

Title (de)  
ANKERVORRICHTUNG

Title (fr)  
DISPOSITIF D'ANCRAGE

Publication  
**EP 0636201 B1 19971229 (EN)**

Application  
**EP 92905717 A 19920207**

Priority  
• SE 9200073 W 19920207  
• SE 9200322 A 19920205

Abstract (en)  
[origin: WO9316260A1] An anchoring device in the shape of a post, intended to be put into the ground, which post comprises two axially relatively movable parts and a transversally expandable portion (10A) adapted to be actuated for expansion upon relative movement between the parts for the purpose of anchoring the post in the ground, wherein one part forms the actual post in the shape of a rod (10) having an outermost end and an innermost end, whereas the other part consists of a tube (11), surrounding the rod. The rod (10) and the tube (11) are so dimensioned longitudinally that the outermost end of the rod, upon the axial relative movement of the rod and the tube for radial expansion of the anchoring elements, is in flush with or slightly inwardly of the outer end of the tube, and wherein the outermost end of the rod is provided with an inner thread for threaded engagement with a fastener means in the shape of a screw (15), and wherein therebetween the screw (15) and the outermost end of the rod is insertable an abutment member (16) to lock the rod and the tube against axial relative movements, as the screw (15) engages lockingly with the rod (10).

IPC 1-7  
**E04H 17/08**; **E04H 17/22**; **E04H 12/22**

IPC 8 full level  
**E01F 9/011** (2006.01); **E02D 5/80** (2006.01); **E02D 27/42** (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP)  
**E01F 9/685** (2016.02); **E02D 5/805** (2013.01); **E02D 27/42** (2013.01); **E04H 12/223** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)  
**WO 9316260 A1 19930819**; AT E161606 T1 19980115; AU 1351892 A 19930903; DE 69223808 D1 19980205; DE 69223808 T2 19980723; EP 0636201 A1 19950201; EP 0636201 B1 19971229; ES 2112900 T3 19980416; FI 103066 B1 19990415; FI 103066 B 19990415; FI 943624 A0 19940804; FI 943624 A 19940928; NO 178800 B 19960226; NO 178800 C 19960605; NO 942901 D0 19940804; NO 942901 L 19941004; SE 501275 C2 19950109; SE 9200322 D0 19920205; SE 9200322 L 19930806

DOCDB simple family (application)  
**SE 9200073 W 19920207**; AT 92905717 T 19920207; AU 1351892 A 19920207; DE 69223808 T 19920207; EP 92905717 A 19920207; ES 92905717 T 19920207; FI 943624 A 19940804; NO 942901 A 19940804; SE 9200322 A 19920205