Title (en)

DEVICE FOR THE VERTICAL ARRANGEMENT OF A POLE OR POST-LIKE OBJECT

Title (de)

VORRICHTUNG ZUM VERTIKALEN ANORDNEN EINES PFAHL- ODER PFOSTENFÖRMIGEN GEGENSTANDES

Title (fr)

DISPOSITIF DE MONTAGE VERTICAL D'UN OBJET DE TYPE PIQUET OU MONTANT

Publication

EP 0846210 B1 20030709 (DE)

Application

EP 96929308 A 19960822

Priority

- DE 29513554 U 19950823
- DE 29606034 U 19960401
- EP 9603704 W 19960822

Abstract (en)

[origin: WO9708409A1] The invention concerns a device for the vertical arrangement of a pole or post-like object (4) on a securing device (6) disposed at the ground end. The device comprises a substantially cylindrical, elongate mounting mandrel (10) which can be inserted into an accommodating bore (12) in the underside of the pole or post-like object (4). The device further comprises a support plate (16) from whose plane the mounting mandrel (10) extends upwards and on which the underside (14) of the pole or post-like object (4) rests. At least one securing projection (18) protrudes upwards from the support plate (16) and penetrates the material of the pole or post-like object (4). The mounting mandrel (10) is substantially thinner than the accommodating bore (12) in the underside of the pole or post-like object (4) such that there is considerable play between the journal or mounting mandrel (10) and the bore (12) surrounding the mandrel in the underside of the pole or post. Owing to this play, the pole or post (4) can be mounted on the mounting mandrel (10) such that the pole or post is tilted or inclined within a given angular range. This inclined or tilted position permits compensation of any positions of the securing device (6) disposed at the ground end which are lopsided relative to the vertical.

IPC 1-7

E04H 12/22

IPC 8 full level

E04H 12/22 (2006.01)

CPC (source: EP)

E04H 12/2253 (2013.01)

Cited by

CZ298435B6

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9708409 A1 19970306; AT E244807 T1 20030715; AU 6876496 A 19970319; BG 102256 A 19981130; BR 9610275 A 19991221; CA 2226965 A1 19970306; CN 1193372 A 19980916; CZ 40798 A3 19980715; DE 19680712 D2 19981029; EA 000198 B1 19981224; EA 199800136 A1 19981029; EE 9800052 A 19980817; EP 0846210 A1 19980610; EP 0846210 B1 20030709; IL 123377 A0 19980924; JP H10512935 A 19981208; NO 980716 D0 19980220; NO 980716 L 19980414; PL 325172 A1 19980706; RO 116660 B1 20010430; SK 19698 A3 19980708; TR 199800275 T1 19980622

DOCDB simple family (application)

EP 9603704 W 19960822; AT 96929308 T 19960822; AU 6876496 A 19960822; BG 10225698 A 19980216; BR 9610275 A 19960822; CA 2226965 A 19960822; CN 96196336 A 19960822; CZ 40798 A 19960822; DE 19680712 T 19960822; EA 199800136 A 19960822; EE 9800052 A 19960822; EP 96929308 A 19960822; IL 12337796 A 19960822; JP 50982997 A 19960822; NO 980716 A 19980220; PL 32517296 A 19960822; RO 9800295 A 19960822; SK 19698 A 19960822; TR 9800275 T 19960822