

Title (en)
Post connecting device

Title (de)
Befestigungsvorrichtung für Pfosten

Title (fr)
Dispositif de fixation de poteaux

Publication
EP 1396594 A3 20041201 (DE)

Application
EP 03019429 A 20030828

Priority
DE 10241020 A 20020905

Abstract (en)
[origin: EP1396594A2] The device (101) for the fastening of posts to a hard foundation has an anchor element (103) with fastening means (105) for fixing to the foundation, and a post support (102) detachably connected to the anchor element to hold the end of the post. The anchor element on its side facing the post support is constructed flat and has openings (104) in which engage fastening elements (113) extending from the post support. The anchor element is curved in construction so that in its assembled state a cavity exists between its underside and the foundation.

IPC 1-7
E04H 12/22

IPC 8 full level
E01F 9/011 (2006.01); **E01F 13/02** (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP)
E01F 9/681 (2016.02); **E01F 13/026** (2013.01); **E04H 12/2261** (2013.01)

Citation (search report)

- [A] US 2002104157 A1 20020808 - WHEATON MICHAEL DAVID [US]
- [A] US 6015139 A 20000118 - WEBER HERBERT [CA]
- [AD] DE 29511008 U1 19950914 - STADLER GUENTER DIPL ING FH [DE]

Cited by
WO2019020927A1; AU2016269560B2; FR3069563A1; FR2875524A1; FR2925078A1; US2021317622A1; EP1860242A3; GB2423791B; CN113602117A

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 1396594 A2 20040310; EP 1396594 A3 20041201; EP 1396594 B1 20090218; AT E423251 T1 20090315; DE 10241020 A1 20040325; DE 50311187 D1 20090402

DOCDB simple family (application)
EP 03019429 A 20030828; AT 03019429 T 20030828; DE 10241020 A 20020905; DE 50311187 T 20030828