

Title (en)

System and method for fixing a rod-shaped or post-shaped object in the ground with multi-section holder part which can be screwed into the ground

Title (de)

System und Verfahren zum Befestigen eines stab- oder pfostenförmigen Gegenstandes im Erdboden mit in den Erdboden einschraubbarem mehrteiligen Aufnahmeteil

Title (fr)

Système et procédé de fixation d'un objet en forme de mât ou de poteau dans le sol en terre avec une partie réceptrice en plusieurs pièces pouvant être vissées sur le sol en terre

Publication

EP 2003270 B1 20140820 (DE)

Application

EP 08104331 A 20080610

Priority

DE 102007027545 A 20070615

Abstract (en)

[origin: EP2003270A2] The system comprises an externally-threaded (2), holder shell (1) for the post (or rod), which is screwed into the ground. In a first stage the holder is constructed by pushing a number of holder shells (5, 6, 7) onto a matching core (4), relative to which they cannot rotate. The holder, once screwed (3) into the ground, surrounds the post with clearance. This clearance is filled completely. The filler introduced is e.g. sand, gravel, chippings, concrete or other bulk material. Independent claims are included for the following: (A) the method of fixing the rod or post; (B) and the tool (3) used with the fastening system.

IPC 8 full level

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CPC (source: EP)

E02D 5/801 (2013.01); **E04H 12/2223** (2013.01)

Cited by

NL2001768C2; EP3581756A1; AT16568U1; US2021353037A1; US11930912B2; US11525308B2; WO2012139149A1; WO2019238411A1; DE102021130720B3; WO2023094395A1

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