Title (en)
FOUNDATION SYSTEM FOR ALIGNING AND FASTENING A ROD-LIKE OBJECT IN THE SOIL

Title (de)
FUNDAMENTSYSTEM ZUM AUSRICHTEN UND BEFESTIGEN EINES STABFÖRMIGEN GEGENSTANDES IM ERDBODEN

Title (fr)
SYSTÈME DE FONDATION DESTINÉ À AJUSTER ET FIXER UN OBJET EN FORME DE TIGE DANS LE SOL

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EP 2324172 B1 20151007 (DE)

Application
EP 09781558 A 20090806

Priority
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Abstract (en)
[origin: WO2010018122A1] Foundation system for aligning and fastening a rod, a post, or the like in the soil, comprising a thin-walled, sleeve-like receptacle part (1) that can be screwed into the ground and into which the rod/post or the like can be placed in the fastened state and affixed aligned there using a filler material, and comprising a screw-in tool (3) with a fitted core (5) that is made up of a plurality of webs (6) extending away from the tool axis (4) in a star-shaped manner (radially) along a length substantially equal to the length of the receptacle part (1), the outer contours (7) of said webs being fitted along the length thereof to substantially match the inner contour (2) of the receptacle part (1) such that the webs - when inserted for screwing - lie against the inner contour (2) substantially friction-locked and/or shape-locked therewith and support said inner contour such that the thin-walled receptacle part (1), which only acts as a casing, thereby maintains a shape stability required for screwing and so that forces and/or torques required for screwing are transmitted over a short path.

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