

Title (en)

DEVICE FOR ANCHORING THE FOUNDATION OF A STRUCTURE IN THE GROUND

Title (de)

VORRICHTUNG ZUM VERANKERN DER FUNDAMENTE EINER STRUKTUR IM BODEN

Title (fr)

DISPOSITIF D'ANCRAGE DE FONDATION DE STRUCTURE DANS LE SOL

Publication

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Application

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Abstract (en)

[origin: US5815993A] PCT No. PCT/FR95/01316 Sec. 371 Date Apr. 4, 1997 Sec. 102(e) Date Apr. 4, 1997 PCT Filed Oct. 9, 1995 PCT Pub. No. WO96/12068 PCT Pub. Date Apr. 25, 1996 Device for anchoring the foundation of a structure in the ground comprising an anchor (1) and a pull line (8) along an axis (ZZ'), the end (19) of a terminal portion (18) thereof being integral with a fastener (9) secured to the body of the anchor (1). The body comprises a front wing element (2) shaped to go into the ground along an axis (XX') and a rear wing element (3) opposing the pull of the line (8) by abutment in the ground once the anchor is tilted in the ground. In one embodiment, the fastening location (9) is offset to the axis (ZZ') of pull in the direction of the axis (XX') of the anchor body (1). The anchoring device comprises a component (7) for guiding the terminal portion (18) of the pull line (8) between the fastening location (9) and the axis of pull (ZZ'), whereby the fastener is offset. The anchor body (1) comprises a fin-shaped element (6) located on the other side of the plane of the front wing element (2) in relation to the guide component (7).

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