

Title (en)
GRIP HEAD FOR AN EARTH BORING UNIT

Title (de)
SPANNKOPF FÜR EINE ERDBOHRANLAGE

Title (fr)
TÊTE DE SERRAGE POUR UN DISPOSITIF DE FORAGE DE TERRAIN

Publication
EP 2268888 A2 20110105 (DE)

Application
EP 09737875 A 20090429

Priority
• EP 2009003100 W 20090429
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Abstract (en)
[origin: WO2009132831A2] The invention relates to a grip head for an earth boring unit, comprising a hollow shaft (3), wherein a sleeve (1) is arranged coaxially on the hollow shaft (3) to slide relative thereto, said sleeve having at least one end region (1b) widening particularly at the bottom thereof particularly in the form of a cone and at least two clamp jaws (2) which can be displaced radially relative to the hollow shaft (3) are arranged in the hollow shaft (3) and/or on the sleeve (1), comprising stop faces (2b) cooperating with the widening end region (1b), such that on movement of the end region (1b) over the clamp jaws (2) said jaws may be pressed inwards and a first tensioning mechanism and form a first tensioning device for an upper end of a casing (9) which may be introduced from below into the sleeve, in particular such that a cooperation between clamp jaws (2) and casing (9) permits transmission of a torque between the hollow shaft (3) and casing (9) and a second tensioning mechanism is provided in the hollow shaft (3), by means of which the introduced / introducible casing (9) may be fixed at the upper end region thereof in the axial direction, in particular fixing a casing (9) in the axial direction against gravity relative to the grip head, wherein a flush tube (14) of supplying a flushing fluid is arranged coaxially in the hollow shaft (3) and fixed in rotation relative thereto the lower region of which is enclosed by an annular balloon (11) which may be pumped up with a fluid, in particular a liquid.

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