

Title (en)
HINGED DRILLING TOOL

Title (de)
GELENKIGES BOHRWERKZEUG

Title (fr)
OUTIL ARTICULE DE FORAGE

Publication
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Application
EP 95923382 A 19950614

Priority
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Abstract (en)
[origin: WO9534741A1] The invention relates to a tool for drilling oil, gas or geothermic wells. The tool is comprised of two main members, a hollow shaft (1) and a blind tool body (2) more elongate than conventional tool bodies; the two main members are spherically connected to each other by means of a ball joint (4, 5). Said ball joint is located at the very bottom of the blind portion of the tool body which carries a stabilizer (19) at the other end. The tool is also provided, between the hollow shaft and the tool body, with an appropriate transmission system (6, 7, 8, 9, 11), which is spaced apart from the ball joint and situated between the latter and the stabilizer. The essential advantage of said tool lies in the relative position of the ball joint and the stabilizer, said positioning conferring on the tool a favourable dynamic behaviour, without risk of buttressing. Field of application: drilling of oil wells, gas wells and geothermic wells.

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