

Title (en)

Power driven head for boring rods

Title (de)

Kraftdrehkopf zum kopfseitigen Antreiben eines Bohrgestänges eines Bohrgerätes

Title (fr)

Tête de rotation entraînée pour tiges de sondage

Publication

EP 0773380 B1 19981209 (DE)

Application

EP 96101569 A 19960203

Priority

DE 29517762 U 19951109

Abstract (en)

[origin: EP0773380A1] The force rotation head has a reduction gearing driven via a hydromotor via an intermediate clutch (2), with the hydromotor enclosed by a housing (5) in the vicinity of the clutch, formed by two elastically coupled rings (10,11) secured to the housing of the reduction gearing. The clutch uses elastic torque transfer elements acting between clutch claws and preferably made of a polyurethane with a hardness between 89 and 95 Shore-A, coupled together by an inner ring of the same polyurethane material.

IPC 1-7

F16D 3/56; **B23B 47/00**

IPC 8 full level

B23B 47/00 (2006.01); **E21B 3/035** (2006.01); **F16D 3/56** (2006.01)

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