

Title (en)

WORM FOR AN ECCENTRIC SCREW PUMP OR A SUBSURFACE DRILLING MOTOR

Title (de)

SCHNECKE FÜR EINE EXZENTERSCHNECKENPUMPE ODER EINEN UNTERTAGEBOHRMOTOR

Title (fr)

VIS POUR UNE POMPE A VIS EXCENTRIQUE OU POUR UN MOTEUR DE FORAGE SOUTERRAIN

Publication

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Application

EP 99972291 A 19990921

Priority

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Abstract (en)

[origin: US6544015B1] A rotor (4) for an eccentric screw pump or a subsurface drilling motor consists of a straight, essentially cylindrical core element (21), onto which a shell (22) is forged by a cold-forging process. The forging gives the shell (22) the helical external form required for eccentric screw pumps (1). The rotor (4) described can be produced by non-cutting shaping, which is of considerable advantage in particular in the case of large rotor dimensions, since no waste material is produced.

IPC 1-7

F04C 2/107; **B21C 37/15**

IPC 8 full level

B21C 37/15 (2006.01); **F04C 2/08** (2006.01)

CPC (source: EP US)

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