

Title (en)

Rotary percussion device for a drill string

Title (de)

Drehschlagvorrichtung für ein Bohrgestänge

Title (fr)

Dispositif de rotation-percussion pour une tige de forage

Publication

EP 1162037 B1 20050810 (DE)

Application

EP 00112146 A 20000606

Priority

EP 00112146 A 20000606

Abstract (en)

[origin: EP1162037A1] The rotary hammer device (1) has a hammer (6) and an insert end (3) rotatably mounted in a body (8) of the device. This insert end has an axially aligned bore (37) in which a hammer piston (4) is mounted displaceable. A first end (42) of the piston faces the hammer device and the second end (43) faces the hammer receiver (2) so that knocks sent out from the hammer device can be transferred directly to the receiver through the hammer piston. The insert end has elements (35) coupled in keyed engagement with the rotary device (5) which preferably has a pneumatic or hydraulically operating rotary drive.

IPC 1-7

B25D 9/06

IPC 8 full level

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CPC (source: EP US)

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