

Title (en)
Drill apparatus with twin impact system

Title (de)
Bohrvorrichtung mit Doppelschlagsystem

Title (fr)
Appareil de forage avec système d'impact double

Publication
EP 0979920 A3 20031210 (DE)

Application
EP 98121952 A 19981119

Priority
DE 19836389 A 19980812

Abstract (en)
[origin: EP0979920A2] The outer tube (2) can be activated by a striker part (8) displaceable longitudinally and arranged over the inner tube (3). The insert end (5) extending on both sides over the rotary mechanism has on the rotary striking mechanism side a compensation ring (10) which has a hardness below that of the tube material and the striker part. The compensation ring has a curved surface on both sides, corresponding to the abutting end piece (11) of the insert end. In the housing (9) on the curved surface of the compensation ring lubricating holes (12) are provided.

IPC 1-7
E21B 6/00; **E21B 17/02**

IPC 8 full level
E21B 6/00 (2006.01); **E21B 6/04** (2006.01); **E21B 7/00** (2006.01); **E21B 7/20** (2006.01); **E21B 17/02** (2006.01); **E21B 17/03** (2006.01)

CPC (source: EP US)
E21B 6/04 (2013.01 - EP US); **E21B 7/002** (2013.01 - EP US); **E21B 7/20** (2013.01 - EP US); **E21B 17/03** (2013.01 - EP US)

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• [AD] DE 3503893 C1 19851024 - KLEMM BOHRTECH
• [A] FR 2002816 A1 19691031 - BOEHLER & CO AG GEB

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