

Title (en)  
PERCUSSION MECHANISM FOR DRILL STRING

Publication  
**EP 0510416 A3 19930714 (DE)**

Application  
**EP 92105874 A 19920404**

Priority  
DE 4113323 A 19910424

Abstract (en)  
[origin: EP0510416A2] The invention relates to a percussion mechanism for a drill string, having a percussion piston which is guided in a housing and moved to and fro under the action of a pressurised hydraulic medium. <??>In order to be able to act upon the drill string in different directions with percussion energy, if necessary, the invention proposes to design the housing (3) to be open on both sides in the longitudinal direction of the percussion piston (4) and to provide the latter with a passage bore (4b) into which the drill string (2) projects, at least with a part of its overall cross-section. Said drill string has a meeting face (9a) which can be acted upon by the percussion piston (4) and can be handled in such a way that the percussion direction of the percussion piston is reversible by transferring the percussion mechanism (1). <IMAGE>

IPC 1-7  
**B25D 9/14**

IPC 8 full level  
**B25D 9/12** (2006.01); **B25D 17/06** (2006.01); **E21B 1/00** (2006.01); **E21B 1/02** (2006.01); **E21B 1/26** (2006.01); **E21B 1/28** (2006.01); **E21B 1/30** (2006.01); **B25D 9/00** (2006.01)

CPC (source: EP US)  
**B25D 9/12** (2013.01 - EP US); **B25D 17/06** (2013.01 - EP US); **E21B 1/38** (2020.05 - EP US); **B25D 2250/171** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0510416 A2 19921028; EP 0510416 A3 19930714; EP 0510416 B1 19970115**; AT E147830 T1 19970215; DE 4113323 A1 19921029; DE 59207875 D1 19970227; JP H05113092 A 19930507; US 5259464 A 19931109

DOCDB simple family (application)  
**EP 92105874 A 19920404**; AT 92105874 T 19920404; DE 4113323 A 19910424; DE 59207875 T 19920404; JP 10291292 A 19920422; US 87280992 A 19920424