

Title (en)
Percussion mechanism for drill string

Title (de)
Schlagwerk für ein Bohrgestänge

Title (fr)
Mécanisme à coup pour colonne de forage

Publication
EP 0510416 B1 19970115 (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>

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IPC 8 full level
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GB 632935 A 19491205 - SVEN ERIK ALBIN MATTSSON

Cited by
EP0565500A1; DE4415281A1; DE4415281C2; EP0930476A1; AT407919B

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