

Title (en)
Percussive tool with fluid pressure drive

Title (de)
Fluidbetriebenes Schlagwerk

Title (fr)
Appareil à percussion mû par un fluide sous pression

Publication
EP 0847836 B1 20010228 (DE)

Application
EP 97121702 A 19971210

Priority
DE 19652079 A 19961214

Abstract (en)
[origin: EP0847836A1] The mechanism comprises a percussion piston which is movable in an operating cylinder. A control (8) has a distributing regulator (9) movable in relation to a housing. The percussion piston has two piston surfaces (A1,A2) of different surface areas the smaller of which is connected to a pressure pipe (7) and the larger connected alternately to the pressure pipe and discharge pipe (12). The distributing regulator has a control surface (SF) temporarily connected to a pressure-free return-flow pipe (18) or to the pressure pipe, by means of a peripheral groove (3c) between the piston surfaces. The distributing regulator forms a sleeve-type switch element.

IPC 1-7
B25D 9/12; B25D 9/14

IPC 8 full level
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CPC (source: EP US)
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Designated contracting state (EPC)
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