

Title (en)
Percussion device

Title (de)
Schlagvorrichtung

Title (fr)
Dispositif de percussion

Publication
EP 2865493 A1 20150429 (EN)

Application
EP 13189850 A 20131023

Priority
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Abstract (en)
The invention relates to a pressure liquid-operated percussion device (1) comprising a body (2), a piston cylinder (3) in the body (2) and a percussion piston (4) moving in the piston cylinder (3) in its longitudinal direction in a reciprocating manner by the action of pressure liquid, at a first end of the piston cylinder (3), a first pressure liquid space (5) and a first pressure surface (7) of the percussion piston in the first pressure liquid space (5), at the other end of the piston cylinder (3), a second pressure liquid space (6) and in the percussion piston a second pressure surface (8) in a second pressure liquid space (6). In the pressure liquid-operated percussion device, when the percussion piston (4) continues its movement in the first direction towards the second pressure liquid space (6), the volume of the first pressure liquid space (5) expands (5), whereby the pressure of the pressure liquid in the first pressure liquid space (5) decreases.

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Citation (search report)
• [XI] US 4070949 A 19780131 - SALMI PEKKA M
• [XA] US 4784228 A 19881115 - ITO IKUO [JP]

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