

Title (en)

PERCUSSION DEVICE ACTUATED BY A PRESSURISED NON COMPRESSIBLE FLUID

Title (de)

DURCH EINE UNTER DRUCK STEHENDE UNKOMPRIMIERBARE FLÜSSIGKEIT BETÄTIGTE SCHLAGVORRICHTUNG

Title (fr)

APPAREIL À PERCUSSIONS MÛ PAR UN FLUIDE INCOMPRESSIBLE SOUS PRESSION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008149030A2] According to the invention, the body (3) of the apparatus includes a flow rate adjustment device (17) including a calibrated opening (18) provided on a high-pressure fluid supply circuit, a bore formed in the body (3) and in which is mounted a slider (19) having a first face located in a first chamber connected to the high-pressure fluid supply circuit upstream from the calibrated opening (18) and a second face located in a second chamber connected to the high-pressure fluid supply circuit downstream from the calibrated opening (18), the bore receiving the slider (19) including an annular groove connected to a low pressure feedback circuit (10). The slider (19) is adapted for connecting the annular groove to the first chamber when the pressure difference on either side of the calibrated opening (18) increases beyond a predetermined value in order to divert a portion of the fluid flow supplied by the high-pressure fluid supply circuit to the feedback circuit (10).

IPC 8 full level

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