

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

**EP 08805823 A 20080521**

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- FR 0703727 A 20070525

Abstract (en)

[origin: US8167055B2] According to the invention, the body of the apparatus includes a flow rate adjustment device including a calibrated opening provided on a high-pressure fluid supply circuit, a bore formed in the body and in which is mounted a slider having a first face located in a first chamber connected to a high-pressure fluid supply circuit upstream from the calibrated opening and a second face located in a second chamber connected to the high-pressure fluid supply circuit downstream from the calibrated opening, the bore receiving the slide including an annular groove connected to a low pressure feedback circuit. The slider is adapted for connecting the annular groove to the first chamber when the pressure difference on either side of the calibrated opening 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.

IPC 8 full level

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