

Title (en)
METHOD FOR ADJUSTING THE STRIKING STROKE OF A STRIKING PISTON OF A PERCUSSION APPARATUS, AND A PERCUSSION APPARATUS FOR IMPLEMENTING SAID METHOD

Title (de)
VERFAHREN ZUR EINSTELLUNG DES HUBES EINES SCHLAGKOLBENS MIT EINER SCHLAGVORRICHTUNG UND SCHLAGVORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROC& XC9;D& XC9; DE R& XC9;GLAGE DE LA COURSE DE FRAPPE D'UN PISTON DE FRAPPE D'UN APPAREIL & XC0; PERCUSSIONS, ET UN APPAREIL & XC0; PERCUSSIONS POUR LA MISE EN & X152;UVRE DE CE PROC& XC9;D& XC9

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EP 3752324 A1 20201223 (FR)

Application
EP 19712822 A 20190212

Priority
• FR 1851248 A 20180214
• FR 2019050300 W 20190212

Abstract (en)
[origin: WO2019158849A1] The percussion apparatus comprises a striking piston and a control device (15) configured to vary a striking stroke of the striking piston, the control device (15) comprising a control cylinder (17), a control slide (16) mounted to move in translation in the control cylinder (17) in a direction of movement (D) and mounted to rotate in the control cylinder (17), and a main control chamber (26) delimited by the control slide (16) and the control cylinder (16). The percussion apparatus further comprises an adjustment device configured to adjust a range of variation of the striking stroke of the striking piston, the adjustment device comprising an adjustment member (41) configured to adjust the angular position of the control slide (16) in the control cylinder (17), and at least one fluid communication passage (44.1, 44.2, 44.3) arranged on the control slide (16) and configured to hydraulically limit the stroke of movement in translation of the control slide (16) in the direction of movement (D) depending on the angular position occupied by the control slide (16).

IPC 8 full level
B25D 9/14 (2006.01); **B25D 9/18** (2006.01); **B25D 9/20** (2006.01); **B25D 9/26** (2006.01)

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Citation (search report)
See references of WO 2019158849A1

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