

Title (en)

FORGING HAMMER AND METHOD FOR CONTROLLING THE WORKING CYCLE OF A FORGING HAMMER

Title (de)

SCHMIEDEHAMMER UND VERFAHREN ZUR STEUERUNG EINES ARBEITSZYKLUS EINES SCHMIEDEHAMMERS

Title (fr)

MARTEAU PILON ET PROCÉDÉ DE COMMANDE DU CYCLE DE TRAVAIL D'UN MARTEAU PILON

Publication

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Application

**EP 16712778 A 20160318**

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Abstract (en)

[origin: WO2016162184A1] The present invention relates, in particular, to a forging hammer (1) comprising a striker (8, 9) and a hydraulic linear drive (2, 13, 16, 19, 27) that is coupled to the striker (8, 9) and is designed to drive the striker (8, 9), which drive comprises a hydraulic circuit having a servo-motor hydro pump (27), a hydraulic cylinder (2), in particular a differential cylinder (2), which is fluidically connected downstream of the hydro pump (27) via a directional valve module (13), and a servo-motor hydro generator (16), which is fluidically connected downstream of the hydraulic cylinder (2) via the directional valve module (13), and comprising in addition a control unit (19) configured at least for the simultaneous control (19) of the hydro pump (27), the hydro generator (16) and the directional valve module (13).

IPC 8 full level

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