

Title (en)
PRESSING DEVICE FOR WORK PIECES

Title (de)
PRESSMASCHINE ZUM VERPRESSEN VON WERKSTÜCKEN

Title (fr)
MACHINE DE PRESSAGE DESTINÉE AU PRESSAGE D'OUTILS

Publication
EP 3643422 B1 20230607 (DE)

Application
EP 18202607 A 20181025

Priority
EP 18202607 A 20181025

Abstract (en)
[origin: US2020130313A1] A pressing tool for pressing workpieces is described. The pressing tool comprises a hydraulic pump for conveying a hydraulic fluid, an electric motor for driving the hydraulic pump, a working cylinder which is hydraulically connected to an outlet of the hydraulic pump, a pressure-relief valve which is hydraulically connected to the outlet of the hydraulic pump and which opens at a certain predefined pressure Pv of the hydraulic fluid, an electronic control for controlling the electric motor and a sensor 60 which monitors the state of the pressure-relief valve and emits a signal which describes the state of the pressure-relief valve to the electronic control. Furthermore, a method of operating such a pressing tool is described.

IPC 8 full level
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CPC (source: CN EP US)
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Citation (examination)
• IT 201800007471 A1 20200124
• IT 201800005458 A1 20191117

Cited by
CN113685404A; WO2023005861A1

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