

Title (en)
MANUALLY OPERATED PRESS

Title (de)
HANDBETÄTIGTE PRESSE

Title (fr)
PRESSE ACTIONNÉE À LA MAIN

Publication
EP 3664999 B1 20230920 (DE)

Application
EP 19779456 A 20190926

Priority
• DE 102018124596 A 20181005
• EP 2019076050 W 20190926

Abstract (en)
[origin: WO2020069968A1] The invention relates to a manually operated press (10, 10'), comprising an actuating member (18) coupled to a shaft (26), the actuation of which is converted into a lifting movement of a press ram (24) coupled to the shaft (26), and thus also into a change in a relative position of the press ram (24). The press (10, 10') further has a reset mechanism (40) for resetting the actuating member (18), which counteracts the actuation of the actuating member (18) and causes a resetting movement of the press ram (24) opposite the lifting movement, wherein the reset mechanism (40) has a spiral spring (46) that is designed as a spirally wound leaf spring.

IPC 8 full level
B30B 1/24 (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP US)
B30B 1/24 (2013.01 - EP US); **B30B 15/0064** (2013.01 - EP US)

Citation (examination)
• US 2006746 A 19350702 - POOLE LORA E
• DE 2504872 A1 19760819 - WOLFCRAFT ROBERT WOLFF KG
• DE 102019115223 A1 20201210 - GEBR SCHMIDT FABRIK FUER FEINMECHANIK GMBH & CO KG [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2020069968 A1 20200409; CN 112805147 A 20210514; DE 102018124596 A1 20200409; DE 102018124596 B4 20210114;
EP 3664999 A1 20200617; EP 3664999 B1 20230920; EP 3664999 C0 20230920; US 11911988 B2 20240227; US 2021213698 A1 20210715

DOCDB simple family (application)
EP 2019076050 W 20190926; CN 201980065909 A 20190926; DE 102018124596 A 20181005; EP 19779456 A 20190926;
US 202117217095 A 20210330