Title (en)

PUNCHING/PERFORATING MACHINE

Title (de)

STANZ-/PERFORIERMASCHINE

Title (fr)

MACHINE À ESTAMPER/PERFORER

Publication

**EP 3917735 A2 20211208 (DE)**

Application

**EP 20709467 A 20200131**

Priority

- DE 202019000468 U 20190201
- DE 2020000011 W 20200131

Abstract (en)

[origin: WO2020156606A2] A punching/perforating machine (10) for generating a punching/perforating pattern in a supplied material unit/web (M), comprising a punching tool (12) having a plurality of punches/perforating needles (16) which are arranged in a predetermined grid in a longitudinal direction (L) and which are movable via a pressure beam (36) which is operatively connected via a control device (30) to a drive unit (18) for generating a punching/perforating stroke (H) transversely to the longitudinal direction (L), and comprising a control block (14) for actuating/activating/deactivating the punches/perforating needles (16) by the control device (30) during the punching/perforating process, characterized in that the punching tool (12) and/or the control block (14) is/are each designed as a separate subassembly which is/are each arranged within the punching/perforating machine (10) so as to be removably fastenable separately as a unit.

IPC 8 full level

**B26F 1/04** (2006.01)

CPC (source: EP US)

**B21D 28/34** (2013.01 - US); **B26D 5/00** (2013.01 - EP US); **B26D 5/12** (2013.01 - EP); **B26F 1/04** (2013.01 - EP US); **B26F 1/24** (2013.01 - EP US); B21D 28/246 (2013.01 - EP); B26D 2005/002 (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 202019000468 U1 20190222**; DE 112020000652 A5 20211209; EP 3917735 A2 20211208; MA 54869 A 20220511; MX 2021009286 A 20211112; US 2024009726 A1 20240111; WO 2020156606 A2 20200806; WO 2020156606 A3 20201001

DOCDB simple family (application)

**DE 202019000468 U 20190201**; DE 112020000652 T 20200131; DE 2020000011 W 20200131; EP 20709467 A 20200131; MA 54869 A 20200131; MX 2021009286 A 20200131; US 202017425996 A 20200131