

Title (en)

MACHINE FOR COLD-MACHINING WIRE-LIKE MATERIAL AND METHOD FOR MACHINING WIRES BY MEANS OF SAID MACHINE

Title (de)

MASCHINE ZUM KALTBEARBEITEN VON DRAHTARTIGEM MATERIAL UND VERFAHREN ZUM BEARBEITEN VON DRÄHTEN MIT DIESER MASCHINE

Title (fr)

MACHINE POUR L'USINAGE À FROID D'UN MATÉRIAU FILIFORME ET PROCÉDÉ D'USINAGE DE FILS AU MOYEN DE LADITE MACHINE

Publication

**EP 3956083 B1 20231129 (EN)**

Application

**EP 20723932 A 20200409**

Priority

- IT 201900006052 A 20190418
- IB 2020053406 W 20200409

Abstract (en)

[origin: WO2020212813A1] Machine for machining, in particular press-forming, wire-like material (1, 1a), comprising: a vertically extending frame comprising two half-frames (10,20) arranged opposite each other in the vertical direction (Z-Z), so as to form an interspace (102), the frame having, connected thereto, at least a first machining unit (100) and a second machining unit (200), each suitable for machining, in particular for upsetting or extruding, a respective section (1b, 1c) of wire-like material (1a), said units each comprising a top machining head (110,210) and a bottom machining head (210,220) situated opposite each other in the vertical direction (Z-Z) and arranged on opposite sides of the interspace (1020); a wheel (400) lying in a horizontal plane (X-Y), rotating about a vertical axis (Z-Z) and housed inside the said interspace (1020); wherein the wheel (400) carries devices for gripping a section of wire (1b) and for rotating it between a horizontally oriented position for transporting the section of wire (1b) and a vertically oriented position for the machining of at least one of the opposite ends of the said section of wire (1b) by one of said machining units.

IPC 8 full level

**B21F 5/00** (2006.01); **B21J 5/08** (2006.01); **B21J 9/02** (2006.01); **B21K 5/16** (2006.01); **B21K 27/04** (2006.01); **B25B 15/00** (2006.01)

CPC (source: EP)

**B21F 5/005** (2013.01); **B21J 5/08** (2013.01); **B21J 9/022** (2013.01); **B21K 5/16** (2013.01); **B21K 27/04** (2013.01)

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 2020212813 A1 20201022**; EP 3956083 A1 20220223; EP 3956083 B1 20231129; IT 201900006052 A1 20201018

DOCDB simple family (application)

**IB 2020053406 W 20200409**; EP 20723932 A 20200409; IT 201900006052 A 20190418