

Title (en)

Machine for cutting and press-forming material fed in the form of wire

Title (de)

Maschine zum Schneiden und Formen von Draht

Title (fr)

Machine de coupage et formage de fil

Publication

EP 1034861 A2 20000913 (EN)

Application

EP 00104456 A 20000306

Priority

- EP 00104456 A 20000306
- EP 99103978 A 19990310

Abstract (en)

A machine (1) for cutting and press-forming material fed in the form of wire, which comprises a supporting structure (2) which supports elements (24,25) for intermittently feeding material in the form of wire (60) in an advancement direction. The supporting structure (2) supports, so as to allow sliding in a first sliding direction which is substantially parallel to the advancement direction, a first assembly (3) which is provided with a holder (4) for at least one punch which faces a forming die. Elements for cutting the material in the form of wire fed by the feeder into segments of preset length are arranged between the forming die and the at least one punch. Actuators are provided for actuating the first assembly (3) with a reciprocating motion along the first sliding direction with respect to the supporting structure (2). The feeder comprises at least one pair of counter-rotating rollers (24,25) which are arranged within the dimensions of the first assembly (3) in a direction which is parallel to the first sliding direction.

<IMAGE>

IPC 1-7

B21F 23/00; **B21F 11/00**

IPC 8 full level

B21F 1/00 (2006.01); **B21F 11/00** (2006.01); **B21F 23/00** (2006.01); **B21K 1/58** (2006.01); **B21K 27/02** (2006.01)

CPC (source: EP)

B21F 1/00 (2013.01); **B21F 11/00** (2013.01); **B21F 23/00** (2013.01); **B21K 1/58** (2013.01); **B21K 27/02** (2013.01)

Cited by

CN102941295A; SG123657A1; CN113305238A; CN104353754A; CN114029445A; US8479548B2; WO03101643A1; WO2016033028A1; US10038358B2; US10958142B2; US11456652B2; WO2022241870A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1034861 A2 20000913; **EP 1034861 A3 20010919**

DOCDB simple family (application)

EP 00104456 A 20000306