

Title (en)

Device for the forming of wire, with a wire braking device

Title (de)

Vorrichtung zum Formen von Draht, mit einer Drahtbremseinrichtung

Title (fr)

Dispositif pour le formage de fil ayant un dispositif de freinage de fil

Publication

**EP 0949021 A3 20010117 (DE)**

Application

**EP 99105833 A 19990323**

Priority

DE 19816403 A 19980411

Abstract (en)

[origin: EP0949021A2] Wire (18) is drawn through a guide (10) and held in a clamp (52) for cutting by a blade (100). The friction is controlled by a compression spring (126) and prismatic bolt (128) adjusted by a lever (124) and rod (116) attached to a ring (130) slidably positioned by a lever (114). A programmably controlled drive (152) controls the braking force, and the movement in the wire direction is controlled by the programming of the tools.

IPC 1-7

**B21F 1/00**

IPC 8 full level

**B21F 1/00** (2006.01)

CPC (source: EP US)

**B21F 1/00** (2013.01 - EP US); **B21F 1/008** (2013.01 - EP US)

Citation (search report)

- [AD] DE 4229294 C1 19931216 - WAFIOS MASCHINEN WAGNER [DE]
- [AD] DE 19736468 A1 19980226 - ITAYA SEISAKU SHO K K [JP]

Cited by

EP3300812A1; EP3238850A1; CN102328004A; EP3184190A1; WO2021028204A1; US11007563B2

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 0949021 A2 19991013; EP 0949021 A3 20010117; EP 0949021 B1 20011219;** DE 19816403 A1 19991021; DE 19816403 C2 20010613; DE 59900566 D1 20020131; US 6092565 A 20000725; US 6397900 B1 20020604

DOCDB simple family (application)

**EP 99105833 A 19990323;** DE 19816403 A 19980411; DE 59900566 T 19990323; US 57763000 A 20000524; US 8508298 A 19980526