

Title (en)

Device for the forming of wire, in particular a spring winding and bending machine

Title (de)

Vorrichtung zum Formen von Draht insbesondere Federwinde - und Biegemaschine

Title (fr)

Dispositif pour le formage de fil, en particulier machine d'enroulement et de cintrage de ressorts

Publication

EP 1350581 B1 20060524 (DE)

Application

EP 03007613 A 20030402

Priority

DE 10215047 A 20020405

Abstract (en)

[origin: EP1350581A2] The transfer unit (25) is mounted to move back and forth (27) above the wire guide (11) discharge location (14) parallel to the wire axis (12). The grip (24) of the transfer unit holds the shaped wire section, an intermediate spring shape (26), following its separation from the rest of the wire. Location is such that the longitudinal axis of the separated wire end (28) is in alignment with the wire axis (12).

IPC 8 full level

B21F 3/02 (2006.01); **B21F 35/00** (2006.01)

CPC (source: EP)

B21F 3/02 (2013.01)

Cited by

US11969780B2; WO2017207999A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 1350581 A2 20031008; EP 1350581 A3 20040616; EP 1350581 B1 20060524; DE 10215047 C1 20030918; DE 50303420 D1 20060629; ES 2271410 T3 20070416

DOCDB simple family (application)

EP 03007613 A 20030402; DE 10215047 A 20020405; DE 50303420 T 20030402; ES 03007613 T 20030402