

Title (en)

Improvements in and/or relating to machines for making coil springs.

Title (de)

Maschine zur Herstellung von Schraubenfedern.

Title (fr)

Machine pour la fabrication de ressorts cylindriques.

Publication

**EP 0403719 A1 19901227 (EN)**

Application

**EP 89830281 A 19890620**

Priority

EP 89830281 A 19890620

Abstract (en)

The improvements are specifically related to the mechanical assembly for setting the start and end of the coil turns, which assembly comprises a shaft (1) thereon there is keyed a coaxial annular element (2) which slidably supports, on its two sides (3) and with diametrically opposite arrangements, corresponding cam holders (6) provided with a circumferential slot (4). Through these slots a plate (9) can slide, having a rectilinear ridge (11) and cantilever wise formed at the perimeter of a collar (10) rigidly coupled with the shaft, the ridge engaging a corresponding hollow of a related cam (8), and the plate bidirectional translation being controlled by a screw-nut assembly (18-20).

IPC 1-7

**B21F 35/02**

IPC 8 full level

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

CPC (source: EP)

**B21F 3/02** (2013.01); **B21F 35/02** (2013.01)

Citation (search report)

- [A] US 2964068 A 19601213 - VOORST NELSON T VAN
- [A] US 3194282 A 19650713 - BERGEVIN CHARLES R, et al

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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