

Title (en)
APPARATUS AND METHOD FOR FORMING SPRINGS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR BILDUNG VON FEDERN

Title (fr)
APPAREIL ET PROCÉDÉ DE FORMATION DE RESSORTS

Publication
EP 3706932 A1 20200916 (EN)

Application
EP 18819550 A 20181102

Priority
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Abstract (en)
[origin: WO2019092404A1] A spring forming apparatus is shown generally at (200), in which metal wire (220) is fed from a supply (not shown) by feed rollers (230), via irregularity-effecting rollers (240) to a forming station (250). The forming station comprises a first deflector (260) and a second deflector (270). When the spring S is complete, it separates automatically from the rest of the wire (220) due to the presence of an irregularity (280), without the need for a cutter device.

IPC 8 full level
B21F 3/06 (2006.01); **B21F 5/00** (2006.01); **B21F 11/00** (2006.01); **B21F 35/00** (2006.01)

CPC (source: EP GB US)
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Citation (search report)
See references of WO 2019092404A1

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EP 3706932 A1 20200916; GB 201718529 D0 20171227; GB 201817923 D0 20181219; GB 2578720 A 20200527; GB 2578720 B 20220831;
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