

Title (en)
Winding device and method of winding

Title (de)
Wickelvorrichtung und Wickelverfahren

Title (fr)
Dispositif et procédé de bobinage

Publication
EP 0926090 A3 20001018 (EN)

Application
EP 98309668 A 19981125

Priority
• JP 33566597 A 19971205
• JP 2751898 A 19980209

Abstract (en)
[origin: EP0926090A2] Wire (2) is fed from a spool (1) which is rotated by a feeding motor (3). Then the wire is led to a bobbin (7) on the tip of a spindle (6) via a pulley (12) on the tip of a tension arm (10) and a pulley (13) fixed on a rotational axis of an encoder (14). The rotational speed of the feeding motor (3) is controlled depending on winding speed of the wire (1) onto the bobbin (7) detected by the encoder (14). Furthermore, variations in the tension of the wire are detected by a potentiometer (11) as rotations of the tension arm (10). The rotational speed of the feeding motor (3) is regulated depending on such variations in tension. <IMAGE>

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B65H 59/38

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B65H 59/38 (2006.01); **H01F 41/06** (2006.01); **H02K 15/04** (2006.01)

CPC (source: EP)
B65H 59/384 (2013.01); **B65H 2513/10** (2013.01); **B65H 2513/11** (2013.01); **B65H 2515/31** (2013.01)

Citation (search report)
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• [A] EP 0478153 A1 19920401 - GEN ATOMICS [US]
• [A] FR 2571034 A1 19860404 - POURTIER PERE FILS ETS [FR]
• [DA] PATENT ABSTRACTS OF JAPAN vol. 15, no. 397 8 October 1991 (1991-10-08)

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