

Title (en)

Spring coiling arrangement, in particular for spring coiling machines

Title (de)

Federwindeeinrichtung, insbesondere für Federwindemaschinen

Title (fr)

Dispositif d'enroulement de ressorts, en particulier pour machines d'enroulement de ressorts

Publication

EP 1048374 B1 20040428 (DE)

Application

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Priority

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Abstract (en)

[origin: DE19919956C1] Right or left-wound screw springs are produced from wire by a winding machine provided with intake rollers (12) delivering wire (14) along a guide axis (34) through a wire guide (16). Two winding apparatus (30,32) are provided, each of which has a slide guide body (36,38), in which slides (40,42) are displaceably arranged so that a winding tool (22) connected to a slide is linearly movably guided out of the wire guide relatively to the wire outlet position. Each winding apparatus has a drive (68,70) for moving the slide and a curve gear (90, 98, 106, 92, 100, 108) controlled by a curve plate (88) for pivoting the slide guide body around a pivot axis (48,50). The curve gears of both winding apparatus have a common curve plate pivotable by a programme-controlled motor.

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