

Title (en)

CONTACT ROLLER SYSTEM OF A WINDING MACHINE

Title (de)

KONTAKTWALZENSYSTEM EINER WICKELMASCHINE

Title (fr)

SYSTEME DE CYLINDRES CONTACTEURS D'UNE ENROULEUSE

Publication

**EP 0986509 B1 20030423 (DE)**

Application

**EP 99904824 A 19990128**

Priority

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Abstract (en)

[origin: DE19805412A1] Known contact roller systems of winding machines for winding running webs (1) of material such as paper or plastic films have several freely rotating roller segments (3, 3') which are mounted end to end adjacently to each other and which can move perpendicularly to their axis of rotation (11). According to the invention, each roller segment (3, 3') is held by a frame which moves perpendicularly to the axis of rotation (11). Each frame of a roller segment (3, 3') contains two side support plates (5, 5). Said support plates extend parallel to the ends of the roller segments and the adjacent support plates (5, 5') of two roller segments (3, 3') are located one above the other, perpendicular to the direction of movement. The support plates (5, 5) preferably have deep ring-shaped grooves (16) in which the end surfaces of the roller segments (3, 3') can rotate without contact. This arrangement enables each roller segment (3, 3') to be individually pressed against a winding roll (2) whilst keeping the gap between adjacent roller segments (3, 3') very small to avoid marks on the winding rolls (2).

IPC 1-7

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IPC 8 full level

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