Title (en)
STRAPPING MACHINE WITH STRAP FEEDING AND TIGHTENING UNIT

Title (de)
UMSCHNÜRUNGSMASCHINE MIT BANDZUFUHR- UND -FESTZIEHEINHEIT

Title (fr)
CERCLEUSE A UNITE D'ALIMENTATION ET DE SERRAGE DE BANDE

Publication
EP 1638843 B1 20070425 (EN)

Application
EP 04739705 A 20040608

Priority
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Abstract (en)
[origin: WO2005002972A1] A strapping machine comprises a strap extension, retrieval and pulling unit (13) comprising in turn a Powered main wheel (18) around which the strap (12) winds partially to be moved in both directions. The unit comprises two selectable mechanisms for transmission of movement to the main wheel. The first mechanism causes rotation of the main wheel (18) at a first speed and an auxiliary traction wheel (21) which is pressed against the main wheel with interposition of the strap near the strap input zone on the main wheel to effect pulling of the strap. The second mechanism causes rotation in both directions of the main wheel (18) at a second speed greater than the first to effect extension and retrieval of the strap while the auxiliary traction wheel (21) is at some distance from the main wheel. A control device (50) operates alternatively the first or second mechanism to realize in rapid succession extension, retrieval and pulling of the strap.

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