

Title (en)
RING WRAPPING MACHINE

Title (de)
RINGWICKELMASCHINE

Title (fr)
MACHINE D'EMBALLAGE À BAGUE

Publication
EP 3353073 A1 20180801 (EN)

Application
EP 16794416 A 20160922

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• IT UB20153907 A 20150925
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Abstract (en)
[origin: WO2017051343A1] A ring wrapping machine is described, consisting of a frame (1) which carries a circular opening (3) within which the items to be wrapped are placed, comprising a delivery unit (9) for the application of a film (11) of plastic material to said items. Said delivery unit (9) is carried by an annular element (5), concentric to the circular opening (3), and placed outside of it, able to rotate around the common centre. Said delivery-unit (9) comprises an adjusting device of the delivery speed, controlled by the tension of the film (11) being delivered through a mechanical actuator (22; 18; 16). Preferably, the circular opening (3) consists of two concentric rings (4, 5), the ring (4) being fixed to the plane (2) which carries it and the ring (5) being capable of rotating, under the action of two pairs of driving wheels (6), actuated by a motor (7). The mechanical actuator comprises a lever (22), an arm (23) of which carries the transmission rollers (24, 25) for the film (11) to be applied,, so that the traction or the release exercised by the film (11) results in the movement of the arm (23), and the other arm (21) is connected to an arm (20) provided with bearings which pulls or pushes another arm (19) which, in turn, is apt to slide longitudinally in a wedge (18) adapted to rotate being pressed by the springs against the surface of said fixed ring (4).

IPC 8 full level
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Citation (search report)
See references of WO 2017051343A1

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