

Title (en)

METHOD AND MACHINE FOR AUTOMATICALLY BANDING A LOAD WITH A PLASTIC FILM STRIP

Publication

EP 0177413 B1 19890104 (FR)

Application

EP 85401877 A 19850925

Priority

FR 8414752 A 19840925

Abstract (en)

[origin: EP0177413A1] 1. Machine for the automatic banding of a load with a plastic film strip, the width of which is a fraction of the height of the load to be banded, the said machine comprising a frame (8), a load-supporting table (9) stationary when the machine is in operation ; means (10) for supporting a film reel (2a) of generally vertical axis, which are mounted pivotally about a vertical axle (11) passing through the table (9) and which are arranged at least partially above the table (9) and the load (1) to be banded ; means (12) for driving in rotation the means (10) for supporting the reel (2a), first means (13) for sliding the reel (2a) in the vertical direction ; means (14) for temporarily retaining the initial free end part of the film strip (2) near or against the load (1) ; means (15) for the transverse cutting of the film strip (2) ; and means (16) for fixing together the film strip (2), characterized in that, in combination, in the first place it possesses second means (33) for sliding the retaining, cutting and fixing means (14, 15, 16) in a vertical direction, comprising a second column (38) on which a stay (29) forming a carriage is mounted, drive means ensuring the vertical movement of the carriage stay (29) ; in the second place the lower free end part of the journal (2c) or of the reel (2a) is permanently located underneath or is coplanar with the lower free end (37) of the first column (24) supporting it and in a fixed relative position in relation to this ; and in the third place the lower free end of the journal (2c) or of the reel (2a) is permanently located at a level higher than that of the carriage stay (29).

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IPC 8 full level

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CPC (source: EP)

B65B 11/025 (2013.01); **B65B 2210/20** (2013.01)

Cited by

US5588287A; US5564254A; FR2842503A1; FR2670747A1; US5203136A; US6170233B1; US5195297A; US5081824A; US5125209A; EP0411981A1; FR2650556A1; US5040359A

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