

Title (en)

Automated plant for the formation, pressing and handling of coiled packings of textile ribbon or rove, or the like

Title (de)

Automatische Anlage zur Bildung, Pressung und Behandlung aufgerollter Verpackungen, Textilbands oder Vorgarns oder dergleichen

Title (fr)

Installation automatique pour la formation, le pressage et le traitement de paquets enroulés, de ruban de textile, de mèche ou similaire

Publication

EP 0277099 B2 19961009 (EN)

Application

EP 88830029 A 19880127

Priority

IT 931287 A 19870128

Abstract (en)

[origin: EP0277099A2] An automated plant for the formation, pressing, binding and handling of coiled packings (bumps) of ribbon (or rove) of combed fibres, or the like, delivered by the coiler of a special machine (1), comprises in combination: at least a pair of containers (9,20) made up only of cylindrical walls (9) with a bottom plane of platform (20) capable of being raised and lowered, equal to each other; at the position in which a container is filled with coiled material, means (29,30) for the lifting and lowering of the container bottom platform (20) and for causing it to rotate in concomitance with the lowering; means (17) for simultaneously operating the change-over of a filled container (9,20) from the filling position (R) to the pressing position (P), and of the other already empty container (9,20) from the pressing position (P) to the filling position (R); a press (3) comprising means (41,45) for lifting said bottom (20) to determine the pressing against and in collaboration with an upper plate or dish (49) of the press (3) and for the successive lifting of the material from the cylindrical wall (9) of the container; on the press, means (47) for the vertical displacements of the upper dish (49) as well as means (50,53) for the binding of the material maintained in pressing condition and means (43,45,46) for the rotation thereof for successive bindings; and, further more, means (33) for withdrawing the bound material from the press and putting it below a gripping, lifting and transfer equipment (65) which places it into a multiseat carriage container (70).

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Cited by

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