

Title (en)
METHOD AND DEVICE FOR FEEDING, PROVIDING AND EXCHANGING ROLLS WITH PACKAGING MATERIAL IN A PACKAGING MACHINE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ZUFÖRDERUNG, BEREITSTELLUNG UND ZUM AUSTAUSCH VON ROLLEN MIT VERPACKUNGSMATERIAL IN EINER VERPACKUNGSMASCHINE

Title (fr)
PROCÉDÉ ET DISPOSITIF D'ACHEMINEMENT, DE FOURNITURE ET D'ÉCHANGE DE ROULEAUX COMPORTANT UN MATÉRIAU D'EMBALLAGE DANS UNE MACHINE D'EMBALLAGE

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Abstract (en)
[origin: WO2016173854A1] The invention relates to a method and a device for feeding, providing, handling and/or exchanging rolls (12, 20) having flat and/or film material which is wound onto said rolls and serves as packaging material (22) for the packaging of piece goods, multipacks or similar assemblies of articles. In the device and method, at least approximately completely unwound and/or used up rolls (20) are removed from at least one installation position (EB1, EB2) of a packaging machine (14), whereupon in each case a new roll (12) having flat and/or film material is installed in the installation position (EB1, EB2) in question, wherein new rolls (12) of the packaging machine (14) are provided in a defined feeding and are installed there by means of at least one gripping and/or handling device (16) in the installation position (EB1, EB2) in question, after a used up roll (20) has previously been removed therefrom. At least the positions of the rolls (12) in the region of the defined feeding and/or provision and/or the gripping and/or handling device (16) and/or the movement space (46) thereof are detected by means of space surveillance devices (42) and at least the the movements of the gripping and/or handling device (16) are controlled in the region of the defined feeding and/or provision for the rolls (12) as a function of the acquired spatial, movement and/or sensor data (40).

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