

Title (en)
DEVICE AND METHOD FOR SUPPLYING, PROVIDING AND EXCHANGE OF ROLLS WITH PACKAGING MATERIAL IN A PACKAGING MACHINE

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

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

Publication
EP 3181500 B1 20181017 (DE)

Application
EP 16197100 A 20161103

Priority
DE 102015225914 A 20151218

Abstract (en)
[origin: CN206307795U] The utility model discloses a carry, provide and/or be used for to carry and/or be used for changing the equipment of roller, the roller have the coiling above that and as being used for packing goods, tying up the packing material that thing or similar article group closed and the flat material and/or the thin film materials that use. Take out the roller that consumes and replace through the new roller that has flat material and/or thin film materials by the packing press. The mounted position that has the flat material of treating the backing -off and/or thin film materials's roller has set at least one sensor, the sensor is used for detecting the axial position of roller and/or is used for detecting the position to the space on the layer of the corresponding outside of the roller of the backing -off of waiting a little while, please on. The output signal of sensor is offered the controlling means who is used for generating control signal, control signal be used for according to the that detect of sensor and sensor signal that handled axially adjust be equipped with remain the backing -off the roller hold the dabber.

IPC 8 full level
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Citation (opposition)
Opponent : KHS GmbH
• DE 102010028248 A1 20111027 - KOENIG & BAUER AG [DE]
• DE 102005032599 B3 20061019 - KOENIG & BAUER AG [DE]
• DE 3931852 A1 19910404 - ERHARDT & LEIMER GMBH [DE]
• DE 102013110944 A1 20150402 - KRONES AG [DE]
• WO 2007006600 A1 20070118 - KOENIG & BAUER AG [DE], et al
• DE 202014102816 U1 20150921 - KRONES AG [DE]
• EP 2133297 A2 20091216 - MANROLAND AG [DE]
• DE 60009190 T2 20050127 - TOKYO KIKAI SEISAKUSHO TOKIO T [JP]
• WO 2005073114 A2 20050811 - KOENIG & BAUER AG [DE], et al
• "Rollenwechsler KBA-Pastoline für einfachbreite Zeitungsrotationen", NEU ZUR IFRAEXPO 2002, November 2002 (2002-11-01), pages 72, XP055630427
• "Der moderne Hightech-Rollenwechsler für einfachbreite Zeitungs- und Akzidenzrotationen", KBA PASTOLINE, March 2012 (2012-03-01), pages 8, XP055630431

Cited by
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