

Title (en)  
APPARATUS FOR PRODUCING AND/OR PACKAGING PRODUCTS OF THE TOBACCO INDUSTRY

Title (de)  
VORRICHTUNG ZUR HERSTELLUNG UND/ODER VERPACKUNG VON PRODUKTEN DER TABAKINDUSTRIE

Title (fr)  
MACHINE DE PRODUCTION ET/OU D'EMBALLAGE DE PRODUIT DE L'INDUSTRIE DU TABAC

Publication  
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Application  
**EP 15706155 A 20150217**

Priority  
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Abstract (en)  
[origin: WO2015144278A1] The invention relates to an apparatus for producing and/or packaging products (13) in the tobacco industry, in particular for packaging cigarette packs (13) in multipacks (21), having a conveying mechanism (34) which can be moved preferably back and forth, for example a conveying mechanism which is intended for pushing or thrusting the products and by means of which at least in each case one product (13) can be conveyed, in particular pushed or thrust, in an in particular non-curved conveying plane, with at least temporary abutment against the conveying mechanism (34), from a first position into a second position. The invention is characterized by an electro-optical detecting device (32) which is oriented onto the side (36) of the product (13), the conveying mechanism (34) butting at least temporarily against said side - product-abutment side - and can detect the product-abutment side (36), in at least one movement state of the conveying mechanism (34), from the direction of the conveying mechanism (34).

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CPC (source: EP)  
**B65B 19/28** (2013.01); **B65B 35/405** (2013.01); **B65B 57/00** (2013.01)

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• JP 2003153679 A 20030527 - JAPAN TOBACCO INC  
• CN 201293763 Y 20090819 - NANJING WENCAI SCIENCE & TECHN [CN]  
• CN 203078815 U 20130724 - NANJING WENCAI SCIENCE & TECHNOLOGY CO LTD  
• CN 102275656 B 20130327 - SHENYANG INST AUTOMATION  
• CN 201357958 Y 20091209 - NANJING WENCAI SCIENCE & TECHN [CN]  
• WO 2010069509 A1 20100624 - FOCKE & CO [DE], et al  
• DE 102011103821 A1 20121206 - FOCKE & CO [DE]

Cited by  
CN111347653A

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