

Title (en)
DEVICE FOR HANDLING BOBBINS OF PACKAGING MATERIAL

Title (de)
EINRICHTUNG ZUR HANDHABUNG VON BOBINEN AUS VERPACKUNGSMATERIAL

Title (fr)
DISPOSITIF POUR MANIPULER DES BOBINES DE MATÉRIAU D'EMBALLAGE

Publication
EP 2004530 A1 20081224 (DE)

Application
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Priority
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Abstract (en)
[origin: WO2007118537A1] For the supply of machines, namely packaging machines, with web-shaped packaging material which is present as a bobbin, a bobbin store (15) having a portal (16) is set up, in which the bobbins (10..13) are stored on pallets (14). A portal robot (20) having an articulated arm (27) transfers bobbins (10..13) as required to winding assemblies (29..32) which are arranged outside the portal (16). Said winding assemblies (29..32) transport the material webs to opposite sides in the direction parallel to the longitudinal extent of the portal (16) to the use machines.

IPC 8 full level
B65H 19/12 (2006.01)

CPC (source: EP US)
B65H 19/123 (2013.01 - EP US); **B65H 2301/4173** (2013.01 - EP US); **B65H 2801/54** (2013.01 - EP US)

Citation (search report)
See references of WO 2007118537A1

Citation (third parties)
Third party :
• EP 1256538 A2 20021113 - GD SPA [IT]
• US 5209247 A 19930511 - RITTERSHAUS ERHARD [DE], et al
• US 4441662 A 19840410 - SERAGNOLI ENZO [IT]
• US 5593107 A 19970114 - FOCKE HEINZ [DE], et al

Cited by
IT202200009956A1; CN114044158A; IT202200009944A1

Designated contracting state (EPC)
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DE 102006017379 A1 20071018; BR PI0709975 A2 20110802; CN 101421175 A 20090429; CN 101421175 B 20130515; EP 2004530 A1 20081224; EP 2004530 B1 20131225; JP 2009533297 A 20090917; JP 5091946 B2 20121205; US 2010154355 A1 20100624; US 7984603 B2 20110726; WO 2007118537 A1 20071025

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