

Title (en)  
Handling assembly for transport containers for rod-shaped articles for the tobacco industry, circulation cassette, and method for changing of the fill level of transport containers

Title (de)  
Handhabungsanordnung für Transportbehälter für stabförmige Artikel der Tabak verarbeitenden Industrie, Umlaufkassette sowie Verfahren zum Verändern des Füllstandes von Transportbehältern

Title (fr)  
Agencement de manipulation de récipients de transport pour des articles en forme de tige de l'industrie de traitement du tabac, cassette de circulation et procédé destiné à modifier le niveau de remplissage de récipients de transport

Publication  
**EP 2596708 A3 20150401 (DE)**

Application  
**EP 12193548 A 20121121**

Priority  
DE 102011055603 A 20111122

Abstract (en)  
[origin: EP2596708A2] The assembly has first transport unit (13) for supplying transport containers (11) made of cardboard to a level varying device (12), and second transport unit (14) for transporting transport container from level varying device. Several circulation cassettes (15) are rotatably provided for receiving and transporting the transport containers to remote side of the level changing device through a transfer device (16) during the assembly operation. The transfer device is arranged on the transport path of the circulation cassettes. Independent claims are included for the following: (1) circulation cassette; and (2) method for changing level of empty or article filled container.

IPC 8 full level  
**A24C 5/352** (2006.01); **A24C 5/358** (2006.01); **B65G 17/00** (2006.01)

CPC (source: EP)  
**A24C 5/352** (2013.01); **A24C 5/358** (2013.01)

Citation (search report)  
• [X] DE 102007041800 B3 20081009 - HAUNI MASCHINENBAU AG [DE]  
• [XA] EP 01111107 A1 19840620 - NIEPMANN & CO MASCHF FR [DE]  
• [YA] DE 7504194 U  
• [XAY] DE 1632196 A1 19700514 - HAUNI WERKE KOERBER & CO KG [DE]  
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Cited by  
EP3025597A1; CN105614946A; RU2692215C2; US10131489B2

Designated contracting state (EPC)  
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**EP 12193548 A 20121121**; CN 201210477398 A 20121122; DE 102011055603 A 20111122; JP 2012255070 A 20121121; PL 12193548 T 20121121