

Title (en)

Method and device for monitoring a (cigarette) making and packaging plant

Title (de)

Verfahren und Einrichtung zur Steuerung einer (Zigaretten-) Fertigungs- und Verpackungsanlage

Title (fr)

Procédé et dispositif de commande pour une installation de fabrication et d'emballage (de cigarettes)

Publication

EP 1041006 A3 20020605 (DE)

Application

EP 00105261 A 20000314

Priority

DE 19914297 A 19990329

Abstract (en)

[origin: EP1041006A2] The method involves detecting the quantity of finished or partially finished products such as cigarettes or cigarette packet products in stores by continuous or cyclic measurement. The amount to be produced is compared with the amount already produced. the amount already produced reaches a critical amount, the production units are set back in succession, run empty and finally switched off. Any stores are emptied so as to give the desired amount of products. An Independent claim is included for a method of controlling a production and packing line. An apparatus is also claimed.

IPC 1-7

B65B 19/28

IPC 8 full level

B65B 57/00 (2006.01); **A24C 5/35** (2006.01); **A24C 5/39** (2006.01); **B65B 19/28** (2006.01); **B65B 57/18** (2006.01)

CPC (source: EP US)

B65B 19/28 (2013.01 - EP US)

Citation (search report)

- [A] US 4599699 A 19860708 - STEWART-COX ADRIAN R [GB], et al
- [A] DE 3519580 C1 19870305 - BAT CIGARETTENFAB GMBH

Cited by

DE102013101628A1; WO2014128059A1; DE102008037708B4; CN100415127C; CN105667862A; EP1346651A1; CN100397269C; DE102012021997A1; EP1225129A3; EP3182236A1; US8651260B2; US7620471B2; US10737818B2; WO2010018224A1; WO03060802A3; WO2004062395A1; WO2007118550A1; IT202200009956A1; US7117872B2; IT202200009938A1; IT202200009950A1; US7127318B2; US10252899B2; US6751934B2; IT202200009944A1; EP3133022B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1041006 A2 20001004; **EP 1041006 A3 20020605**; **EP 1041006 B1 20041229**; **EP 1041006 B2 20110511**; AT E285936 T1 20050115; BR 0001498 A 20001031; BR 0001498 B1 20090113; CN 1270128 A 20001018; CN 1330537 C 20070808; DE 19914297 A1 20001005; DE 50009071 D1 20050203; ES 2231061 T3 20050516; ES 2231061 T5 20111018; JP 2000295984 A 20001024; JP 4607280 B2 20110105; US 6516811 B1 20030211

DOCDB simple family (application)

EP 00105261 A 20000314; AT 00105261 T 20000314; BR 0001498 A 20000328; CN 00104851 A 20000329; DE 19914297 A 19990329; DE 50009071 T 20000314; ES 00105261 T 20000314; JP 2000088667 A 20000328; US 53464500 A 20000323