

Title (en)

Apparatus for conveying cigarettes

Title (de)

Vorrichtung zum Fördern von Zigaretten

Title (fr)

Dispositif pour transporter des cigarettes

Publication

**EP 1020126 B1 20040526 (DE)**

Application

**EP 00100060 A 20000105**

Priority

DE 19901248 A 19990115

Abstract (en)

[origin: EP1020126A1] A method for controlling the flow of cigarettes from a process line into containers, sorting shafts etc. The cigarettes are loaded into the main container (10) by a gravity feed and fall into the separate compartments. The cigarettes fall onto mechanical guides (23) which are moved downwards to increase the volume of the compartments in a progressive manner, to the maximum value. This ensures a controlled loading of the compartments with no damage to the cigarettes. The filled compartments are transferred to a gravity fed loading station for the packing system. An Independent claim is included for apparatus to implement the method.

IPC 1-7

**A24C 5/356**; **A24C 5/35**; **B65B 19/04**

IPC 8 full level

**A24C 5/35** (2006.01); **A24C 5/356** (2006.01); **B65B 19/04** (2006.01)

CPC (source: EP US)

**A24C 5/35** (2013.01 - EP US); **A24C 5/356** (2013.01 - EP US); **B65B 19/04** (2013.01 - EP US)

Cited by

DE102008025184A1; DE102008047655A1; DE102007035399A1; EP3381302A1; EP2022348A2; DE102007022235B4; DE102007022844A1; EP1952706A1; PL422764A1; CN115119959A; DE102007022845A1; EP2022348A3; DE102005018302A1; EP1712141A3; EP3391759A1; EP1712141A2; EP3453267A1; WO2008110390A1; WO2008020775A1; WO2009143966A1; WO2009145651A1; DE102007022235A1; US7832544B2; EP1989945A1; US8322511B2; US8747047B2; US10779562B2

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

**EP 1020126 A1 20000719**; **EP 1020126 B1 20040526**; BR 0000069 A 20001003; CN 1183005 C 20050105; CN 1261040 A 20000726; DE 19901248 A1 20000720; DE 19901248 B4 20120719; DE 50006540 D1 20040701; JP 2000211608 A 20000802; JP 4757975 B2 20110824; US 6540061 B1 20030401

DOCDB simple family (application)

**EP 00100060 A 20000105**; BR 0000069 A 20000117; CN 00101065 A 20000114; DE 19901248 A 19990115; DE 50006540 T 20000105; JP 2000008128 A 20000117; US 48369000 A 20000114