

Title (en)

Packaging machine and method for closing containers

Title (de)

Verpackungsmaschine und Verfahren zum Verschliessen von Behältern

Title (fr)

Machine d'emballage et procédé pour fermer des récipients

Publication

EP 1598273 B1 20060614 (DE)

Application

EP 05009238 A 20050427

Priority

DE 102004023474 A 20040512

Abstract (en)

[origin: EP1598273A1] the packing machine has a supply device (1,2) for feeding in the containers (5) which when closed are discharged through a discharge device (11). The closing device (25) between the supply and discharge device is mounted at the side of the main transport path (8) moving the containers in and out. At least one of the containers to be closed is moved in a linear motion by a device into the closing device as a closed container is moved out. A transport mechanism (6,7) at the same time as closing of one container moves a closed container on from a pick up element whilst feeding in the next container.

IPC 8 full level

B65B 7/00 (2006.01); **B65B 43/48** (2006.01); **B65B 7/16** (2006.01); **B65B 7/28** (2006.01)

CPC (source: EP US)

B65B 7/164 (2013.01 - EP US); **B65B 43/48** (2013.01 - EP US)

Cited by

EP2977325A1; EP2208672A1; WO2019116134A1; US8240353B2; WO2007107703A1; WO2007049145A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1598273 A1 20051123; **EP 1598273 B1 20060614**; AT E329834 T1 20060715; DE 102004023474 A1 20051215; DE 502005000021 D1 20060727; DK 1598273 T3 20060911; ES 2267083 T3 20070301; JP 2005324864 A 20051124; US 2005268579 A1 20051208; US 7290380 B2 20071106

DOCDB simple family (application)

EP 05009238 A 20050427; AT 05009238 T 20050427; DE 102004023474 A 20040512; DE 502005000021 T 20050427; DK 05009238 T 20050427; ES 05009238 T 20050427; JP 2005138998 A 20050511; US 12681105 A 20050511