

Title (en)
Packaging machine for the production of cigarette packs

Title (de)
Verpackungsmaschine für die Fertigung von Zigaretten-Packungen

Title (fr)
Machine d'emballage pour la production de paquets de cigarettes

Publication
EP 0645307 B1 19970611 (DE)

Application
EP 94113732 A 19940902

Priority
DE 4332810 A 19930927

Abstract (en)
[origin: EP0645307A1] 1.1. To increase the performance of packaging machines for cigarettes, a common cigarette stock, namely a cigarette magazine, is assigned a plurality of independently working packaging units (11, 12, 13, 14). These are supplied from the cigarette magazine (10) with cigarette groups for packaging via a common conveyor. The packaging units (11..14) consist of a folding unit (24), of a material unit and of a drive unit. Depending on the desired performance, a plurality of packaging units (11..14) can be assembled as part of the packaging machine. 1.2. The packaging units (11..14) are subdivided once again into units to be handled independently, namely into a folding unit (24), a material unit and a drive unit. These are connected to one another exchangeably and functionally for the operation of the packaging machine. <IMAGE>

IPC 1-7
B65B 19/02

IPC 8 full level
B65B 19/20 (2006.01); **B65B 19/02** (2006.01); **B65B 19/22** (2006.01)

CPC (source: EP US)
B65B 19/02 (2013.01 - EP US); **B65B 19/223** (2013.01 - EP US); **B65B 59/04** (2013.01 - EP US); **B65B 65/006** (2013.01 - EP US)

Cited by
DE10115563A1; EP0959008A1; EP0756996A1; US5701718A; WO2016142034A1; US7146777B2; US8172739B2; EP1427299A2

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0645307 A1 19950329; EP 0645307 B1 19970611; BR 9403868 A 19950530; CN 1042911 C 19990414; CN 1118324 A 19960313; DE 4332810 A1 19950330; DE 59403100 D1 19970717; JP 3481690 B2 20031222; JP H07149312 A 19950613; US 5678385 A 19971021

DOCDB simple family (application)
EP 94113732 A 19940902; BR 9403868 A 19940926; CN 94116504 A 19940926; DE 4332810 A 19930927; DE 59403100 T 19940902; JP 22463594 A 19940920; US 58829396 A 19960118