

Title (en)

PACKAGING MACHINE FOR CIGARETTES

Title (de)

VERPACKUNGSMASCHINE FÜR ZIGARETTEN

Title (fr)

MACHINE D'EMBALLAGE POUR CIGARETTES

Publication

EP 1372945 B1 20050914 (DE)

Application

EP 02711848 A 20020208

Priority

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Abstract (en)

[origin: DE10115563A1] In order to produce (cigarette) packagings of various embodiments, for example standard packages (13), bevelled packages (14), or octagonal packages (15), units and modules of the packaging machine may be replaced or removed from the drive. A package-specific working module is thus provided with a drive, comprising a clutch or disengaging drive parts. The above furthermore are provided with manipulating parts, which permit a setting for engaging or disengaging or for removal of partial units.

IPC 1-7

B31B 1/74; B65B 59/04

IPC 8 full level

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CPC (source: EP US)

B65B 19/223 (2013.01 - EP US); **B65B 59/04** (2013.01 - EP US); **B31B 50/005** (2017.07 - EP US)

Citation (examination)

- US 5537798 A 19960723 - FUKUDA MASAO [JP], et al
- US 5394975 A 19950307 - BERNHARD HERBERT [DE]
- US 5549537 A 19960827 - FOCKE HEINZ [DE], et al
- EP 1020365 A1 20000719 - GD SPA [IT]
- GB 2048197 A 19801210 - GD SPA
- GB 1164761 A 19690924 - HOFLIGER AND KARG [DE], et al
- GB 1132422 A 19681030 - GOTTFRIED HAIN
- US 5732533 A 19980331 - FOCKE HEINZ [DE], et al

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

DE 10115563 A1 20021002; BR 0208188 A 20040302; BR 0208188 B1 20101228; CN 1205023 C 20050608; CN 1500036 A 20040526; DE 50204259 D1 20051020; EP 1372945 A1 20040102; EP 1372945 B1 20050914; EP 1372945 B2 20080723; JP 2004528237 A 20040916; JP 4369126 B2 20091118; US 2005164858 A1 20050728; US 7146777 B2 20061212; WO 02078942 A1 20021010

DOCDB simple family (application)

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