

Title (en)

Device for affixing seals to quadrangular cigarette packages.

Title (de)

Vorrichtung zum Anbringen von Banderolen auf quaderförmige Zigarettens-Packungen.

Title (fr)

Installation pour appliquer des banderoles autour de paquets de cigarettes carrés.

Publication

EP 0034790 A2 19810902 (DE)

Application

EP 81101100 A 19810217

Priority

DE 3006322 A 19800220

Abstract (en)

1. Apparatus for applying revenue stamps, duty stamps, banderoles or the like to packs, in particular cigarette packs in the form of a cuboid, with a) a revolving pack turret (37) with compartments (38) for respectively receiving a pack (10) ; b) a transfer conveyor (28) associated with the pack turret (37), by which revenue stamps provided with glue are transferred to the packs (10) in a transfer station (36) ; c) a pack insertion station (41) associated with the pack turret (37) ; and with d) ejection means (44) to eject the packs (10) each provided with a revenue stamp from the compartments (38) of the pack turret (37) in a pack ejection station, characterized in that e) the pack turret (37) consists of two discs (39, 40) arranged at a distance apart with radial slots as receiving compartments (38) for the packs (10), the space between the two discs (39, 40) being free of components apart from the shaft connecting them ; and that f) the ejection station is arranged diametrically with respect to the insertion station (41) and the ejection means (44) are mounted outside the pack turret (37) to engage in the free space between the turret discs (39, 40), g) the ejection station is constructed as a mouthpiece with stationary folding members (45, 46, 48), by which folding-over and sticking of the still projecting parts of the revenue stamp (11, 12, 13) stuck to the side of the pack (10) projecting radially above the receiving compartments (38) in the transfer station (36), on the corresponding side wall or corresponding side walls of the pack (10) take place.

Abstract (de)

Für die Anbringung von Banderolen, Steuermarken, Verschlussstreifen etc. auf quaderförmigen Zigarettenspackungen finden letztere zeitweilig Aufnahme in einer Tasche eines umlaufenden Förderers. Die Packungen sind in diesem Packungs-Revolver 37 so angeordnet, daß die mit der Banderole od. dgl. zu beaufschlagende Fläche radial nach außen gerichtet ist. Die Banderole wird tangential an die freiliegende Stirnfläche der Packung herangeführt. Über die Packung zunächst hinwegragende Teile der Banderole werden beim Abschieben der Packung aus der Tasche des Packungsrevolvers umgeklappt.

IPC 1-7

B65C 1/04

IPC 8 full level

B65C 1/04 (2006.01)

CPC (source: EP)

B65C 1/045 (2013.01)

Cited by

EP3168164A1; DE102006001800A1; CN107284772A; EP1964783A3; EP0897872A1; US6050320A; CN1093070C; US5111633A; GB2186546A; GB2186546B; AU569441B2; WO2007087885A1; WO2015104707A1; US6684606B1; US7946330B2; WO0035756A1; EP1054807B2; EP1718537A1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0034790 A2 19810902; EP 0034790 A3 19820728; EP 0034790 B1 19870513; BR 8101015 A 19810825; DE 3006322 A1 19810827; DE 3176180 D1 19870619; JP H0249972 B2 19901031; JP S56131143 A 19811014

DOCDB simple family (application)

EP 81101100 A 19810217; BR 8101015 A 19810119; DE 3006322 A 19800220; DE 3176180 T 19810217; JP 2026981 A 19810216