

Title (en)
AUTOMATIC CIGARETTE MAKING MACHINE

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EP 0144060 B1 19880921 (DE)

Application
EP 84114344 A 19841127

Priority
DE 3343500 A 19831201

Abstract (en)
[origin: EP0144060A2] 1. Appliance for stuffing cigarette tobacco into premanufactured cigarette paper casings, preferably filter cigarette casings, this appliance operating automatically, being designed to produce a number of firmly filled cigarettes that are ready to be smoked, comprising a funnel-shaped receptacle (10) into which the tobacco is charged and below which a tobacco supply chamber (25) is provided, comprising a pressing beam (28) which is installed at the bottom of the tobacco supply chamber, which is provided with a concave-radiused face (35), and which is transversely movable towards a shaped piece (37) that is likewise provided with a concave, channel-like recess (38), the transverse movement of this pressing beam (28) being accompanied by the forming of the tobacco into a rod, further comprising an ejecting element which is installed in a manner such that it is longitudinally slidable within the concave, channel-like recess in the shaped piece, and further comprising a tubular nozzle (58) for receiving a cigarette casing, this tubular receiving nozzle being designed in a manner such that it forms an extension of the channel-like recess, which is termed a pressing chamber (47), and such that the cigarette casing (66) to be filled can be slipped onto it, the ejecting element serving as the means of pushing the rod of tobacco, thus formed, into the cigarette casing (66), characterized in that a sliding carriage (64, 71) is provided, which is axially slidable between a position near the tubular receiving nozzle (58) and a position remote therefrom this carriage (64, 71) serving as a means whereby a cigarette casing which is to be filled, and which is termed an empty casing (66), can be fed to the receiving nozzle (58), and a filled cigarette casing, which is termed a cigarette (76), can be removed from the said nozzle, and in that a pick-off device (67) is provided in the position which the sliding carriage (64, 71) occupies when it is remote from the receiving nozzle (58), this pick-off device (67) serving as a means whereby the filled cigarette casing (76) can be lifted from the carriage (64, 71) and transferred into a collecting container (77), and whereby a cigarette casing (66) which is to be filled can be conveyed from a magazine (11) and transferred onto the carriage.

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IPC 8 full level
A24C 5/02 (2006.01); **A24C 5/42** (2006.01)

CPC (source: EP)
A24C 5/02 (2013.01); **A24C 5/42** (2013.01)

Cited by
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