

Title (en)
Device for checking cigarettes

Title (de)
Vorrichtung zum Prüfen von Zigaretten

Title (fr)
Dispositif de contrôle de cigarettes

Publication
EP 0615906 B1 19990519 (DE)

Application
EP 94106036 A 19890311

Priority
• DE 3812689 A 19880416
• EP 89104366 A 19890311

Abstract (en)
[origin: EP0338241A2] In the packaging of cigarettes, it is necessary to check that the latter are correctly formed, in particular that they are filled completely with tobacco. For this purpose, the interior of a cigarette magazine (10) is provided with a checking unit (13) which has a number of vertical checking shafts (18), in the region of which the cigarettes are checked by optoelectrical sensors. The intact cigarettes then pass in free fall into a cigarette stock (21). <??>To ensure an orderly, trouble-free transfer of the checked cigarettes to the cigarette store (15), there are formed underneath the checking shafts (18), in a continuation thereof, guide shafts (28) which terminate immediately above the cigarette stock (21). Guide shafts (28), which are bounded by the vertical, flat guide-shaft walls (29), ensure an ordered, tilt-free deposition of the cigarettes. <??>Measures are furthermore provided for a cleaning of the sensors for checking the cigarettes. <IMAGE>

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B65B 19/30

IPC 8 full level
B65B 57/00 (2006.01); **B65B 19/30** (2006.01)

CPC (source: EP US)
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EP 0338241 A2 19891025; EP 0338241 A3 19900131; EP 0338241 B1 19950607; AU 3305589 A 19891019; AU 624371 B2 19920611; BR 8901795 A 19891128; CA 1333227 C 19941129; CN 1018910 B 19921104; CN 1038620 A 19900110; DE 3812689 A1 19891102; DE 58909277 D1 19950713; DE 58909848 D1 19990624; EP 0615906 A1 19940921; EP 0615906 B1 19990519; JP 2662026 B2 19971008; JP H01308710 A 19891213; US 4962629 A 19901016

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