

Title (en)

Device for checking cigarettes.

Title (de)

Vorrichtung zum Prüfen von Zigaretten.

Title (fr)

Dispositif pour contrôler des cigarettes.

Publication

**EP 0338241 B1 19950607 (DE)**

Application

**EP 89104366 A 19890311**

Priority

DE 3812689 A 19880416

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>

IPC 1-7

**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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Cited by

EP0653170A1; US5583633A; EP0731024A3; US5675144A; US6169600B1; WO9418074A1

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DE FR GB IT

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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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