

Title (en)  
Device for checking cigarette-packets

Title (de)  
Vorrichtung zur Prüfung von Zigarettenspackungen

Title (fr)  
Dispositif pour contrôler des paquets de cigarettes

Publication  
**EP 0854090 B1 20040526 (DE)**

Application  
**EP 98100125 A 19980107**

Priority  
DE 19701618 A 19970117

Abstract (en)  
[origin: EP0854090A1] The opto-electronic checker includes several checking elements especially in the form of cameras (48,49). The cigarette packets (10), near the horizontal test-section (30), are conveyed and exposed while travelling to the checker. The conveyor consists of conveyor belts (31,32) the stringers (33,34) of which touch facing, sideways pointing surfaces of the packet on the base (8) and end surface (19). Defective packets are detached from the flow of packets by an ejector (51) which consists of an ejector head (54) movable by a cylinder (53). The packets are supported by pressure rollers on both sides of the track.

IPC 1-7  
**B65B 57/00**; **B07C 5/34**

IPC 8 full level  
**B65B 57/02** (2006.01); **B07C 5/34** (2006.01); **B65B 19/12** (2006.01); **B65B 19/28** (2006.01); **B65B 35/24** (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP US)  
**B07C 5/3404** (2013.01 - EP US); **B65B 19/28** (2013.01 - EP US); **B65B 35/243** (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US)

Cited by  
EP1188674A1; ITBO20120282A1; CN102256876A; CN102275657A; GB2337586A; GB2337586B; EP1280723A4; ITBO20090746A1; ITBO20120284A1; EP3552980A3; EP3798146A1; EP3919394A1; US6914671B2; WO2010069509A1; US10676223B2; US10906676B2; US11142360B2; US11970298B2; WO2016135662A1; WO2016135664A3; WO2016135667A3; EP1916188B2

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