

Title (en)  
Cigarettes packaging apparatus

Title (de)  
Vorrichtung zum Verpacken von Zigaretten

Title (fr)  
Dispositif pour l'emballage des cigarettes

Publication  
**EP 1431184 A3 20051116 (DE)**

Application  
**EP 03027917 A 20031204**

Priority  
DE 10259219 A 20021217

Abstract (en)  
[origin: EP1431184A2] Cigarette packing device has a cigarette magazine (11) that forms part of a packing machine and comprises an upper storage reservoir (12) together with a number of shaft units (15) for holding cigarette groups (16). At a distance above the shaft units is a transverse control unit (24) with a multiplicity of control shafts (25) that allow the passage of individual cigarettes. The content of the control shafts is measured so that misaligned cigarettes (22) can be detected and generate an error signal, so that the cigarette causing the blockage can be removed without interrupting cigarette supply to the cigarette shafts (13).

IPC 1-7  
**B65B 19/30**; **B65B 19/28**; **A24C 5/34**

IPC 8 full level  
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CPC (source: EP)  
**B65B 19/28** (2013.01); **B65B 19/105** (2013.01)

Citation (search report)  
• [XY] US 4174780 A 19791120 - BOLT REGINALD C [GB], et al  
• [X] US 4962629 A 19901016 - FOCKE HEINZ [DE]  
• [A] US 4648232 A 19870310 - BRINKER ALFRED [DE], et al  
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EP1676779A1; CN105883043A; CN106081236A; WO2024134296A1

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