

Title (en)

Device for the production and packing of cigarettes

Title (de)

Einrichtung zum Herstellen und Verpacken von Zigaretten

Title (fr)

Dispositif pour la fabrication et l'emballage de cigarettes

Publication

**EP 0882411 B2 20061018 (DE)**

Application

**EP 98108954 A 19980516**

Priority

DE 19723689 A 19970605

Abstract (en)

[origin: EP0882411A1] The production (10) and packaging unit (11) are connected by at least one cigarette-conveyor (15). The packaging machine (14) for producing cigarette packets is connected to two independently operating cigarette-production machines (12,13). The continuous output of the packaging machine corresponds to the joint continuous output of the two cigarette-production machines. The two production machines are conveyed into a cigarette-accumulator, especially into a closed oval-ring conveyor (16) with straight sections (22,23) and connected via the cigarette-conveyor with the packaging machine. The L-shaped outlined production machines have arms of unequal lengths (17,18). The arm (18) forming the filter-applicator unit is next to a conveyor (19) for the finished cigarettes and supplies the cigarettes to a vertical transfer conveyor (21).

IPC 8 full level

**A24C 5/35** (2006.01); **B65B 19/02** (2006.01)

CPC (source: EP US)

**A24C 5/35** (2013.01 - EP US); **B65B 19/02** (2013.01 - EP US)

Citation (opposition)

Opponent :

- US 4149545 A 19790417 - HALL FLOYD V
- GB 1299174 A 19721206 - MOLINS MACHINE CO LTD [GB]
- FR 2298968 A1 19760827 - MOLINS LTD [GB]
- GB 2145046 A 19850320 - GD SPA
- US 3979880 A 19760914 - SERAGNOLI ENZO
- US 5209247 A 19930511 - RITTERSHAUS ERHARD [DE], et al
- EP 0548777 A1 19930630 - GD SPA [IT]
- DE 3627670 C1 19880303 - BAT CIGARETTENFAB GMBH

Cited by

IT202200009944A1; IT202200009938A1; IT202200009950A1; IT202200017007A1; IT202200009956A1; EP1696370B1

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**EP 0882411 A1 19981209; EP 0882411 B1 20030212; EP 0882411 B2 20061018**; BR 9802364 A 20001003; CN 1110274 C 20030604; CN 1202338 A 19981223; DE 19723689 A1 19981210; DE 59807153 D1 20030320; ES 2191222 T3 20030901; ES 2191222 T5 20070416; JP H1170911 A 19990316; US 6092532 A 20000725

DOCDB simple family (application)

**EP 98108954 A 19980516**; BR 9802364 A 19980604; CN 98109653 A 19980605; DE 19723689 A 19970605; DE 59807153 T 19980516; ES 98108954 T 19980516; JP 15812698 A 19980605; US 8771598 A 19980528