

Title (en)

Packaging machine, especially for making cigarette packages

Title (de)

Verpackungsmaschine, insbesondere zum Herstellen von Zigarettencigarettenpackungen

Title (fr)

Machine d'emballage, spécialement pour fabriquer des emballages pour cigarettes

Publication

**EP 0844178 B2 20090826 (DE)**

Application

**EP 97119514 A 19971107**

Priority

DE 19648221 A 19961121

Abstract (en)

[origin: EP0844178A1] The machine consists of several units and incorporates conveyors for the cigarettes or packets and a U-shaped switching cabinet (14) containing electrical controls. The machine units are enclosed by a housing and or interconnected housings (11,12,13). The switchgear cabinet and packaging machine (10) form a unit. The controls are installed in several part-cabinets (15,16,17) connected to the machine housing and or housings. Two upright part-cabinets (15,16) are positioned on facing sides of the packaging machine. A transverse cabinet (17) is above and preferably spaced apart from the packaging machine. The transverse cabinet consists of connected sections (19,20,21).

IPC 8 full level

**B65B 19/02** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP)

**B65B 19/02** (2013.01); **B65B 65/00** (2013.01)

Citation (opposition)

Opponent :

- DE 3919704 A1 19900111 - HEHL KARL [DE]
- US 4976598 A 19901211 - HEHL KARL [DE]
- US 5347791 A 19940920 - GINZL JEFFREY A [US], et al
- US 4807420 A 19890228 - BARKER MICHAEL J [GB]
- DE 2852890 A1 19800619 - ROVEMA GMBH

Cited by

EP1004509A3; EP0844178A1; JP2000124627A

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**EP 0844178 A1 19980527**; **EP 0844178 B1 20040303**; **EP 0844178 B2 20090826**; BR 9705766 A 19990518; CN 1083791 C 20020501; CN 1183365 A 19980603; DE 19648221 A1 19980528; DE 59711365 D1 20040408; JP H10287304 A 19981027

DOCDB simple family (application)

**EP 97119514 A 19971107**; BR 9705766 A 19971120; CN 97123150 A 19971120; DE 19648221 A 19961121; DE 59711365 T 19971107; JP 32010397 A 19971120