

Title (en)

Packaging machine with maintenance device for gluing nozzles

Title (de)

Verpackungsmaschine mit Wartungsaggregat für Leimdüse

Title (fr)

Machine d'emballage avec dispositif d'entretien des têtes de collage

Publication

**EP 1000863 B1 20040303 (DE)**

Application

**EP 99121020 A 19991021**

Priority

DE 19851775 A 19981110

Abstract (en)

[origin: EP1000863A1] The packing machine has glue jets (14) to apply glue to the packs (10). The jets can be moved to the servicing position by a turning arm (18). In this position, the jets are alternately located over a catching container (24) for portions of glue, and a water container (25). The water container has a rotating roller (22) of elastic foam material serving as a cleaning and closing unit for the glue jets.

IPC 1-7

**B65B 51/02**; B05B 15/02; B05C 5/02

IPC 8 full level

**B05B 15/02** (2006.01); **B05B 15/52** (2018.01); **B05C 5/02** (2006.01); **B65B 51/02** (2006.01)

CPC (source: EP US)

**B05B 15/52** (2018.01 - EP US); **B05C 5/02** (2013.01 - EP US); **B65B 51/023** (2013.01 - EP US)

Cited by

DE10224896A1; EP1121869A1; DE102009009830A1; EP1369184A2; EP1314486A2; US7238233B2

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

**DE 19851775 A1 20000511**; BR 9905316 A 20000912; CN 1128739 C 20031126; CN 1253101 A 20000517; DE 59908710 D1 20040408; EP 1000863 A1 20000517; EP 1000863 B1 20040303; JP 2000142632 A 20000523; JP 3556870 B2 20040825; US 2002170267 A1 20021121; US 6463716 B1 20021015

DOCDB simple family (application)

**DE 19851775 A 19981110**; BR 9905316 A 19991110; CN 99123524 A 19991110; DE 59908710 T 19991021; EP 99121020 A 19991021; JP 31946799 A 19991110; US 43670099 A 19991109