

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

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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