

Title (en)
Sack-labelling machine.

Title (de)
Sackmaschine.

Title (fr)
Machine pour l'étiquetage de sacs.

Publication
EP 0560066 B1 19950118 (DE)

Application
EP 93102002 A 19930209

Priority
• DE 4207588 A 19920310
• DE 4220308 A 19920622

Abstract (en)
[origin: JPH0639951A] PURPOSE: To execute the removal of a strip section or a label with reliability by arranging a knife at a second drum rotating in parallel to an application drum and further providing the gripper interacting with the knife arranged on the application drum. CONSTITUTION: A fixed cam 2 is arranged to an application drum 1 and a roller 3 runs on the cam 2 and this roller 3 is equipped with the lever 4 revolving around a pivot point 5. A gripper 6 is connected to the lever 4 to be opened and closed by the revolving action of the lever 4. A piston/cylinder unit 7 is arranged on the downstream side of the gripper 6 and an insertion knife 8 is fixed to the piston of this unit 7. A second drum 9 is arranged under the application drum 1 and a piston/cylinder unit 10 having the same characteristics is also arranged to the second drum 9.

IPC 1-7
B65C 9/18; **B65C 9/40**

IPC 8 full level
B31B 1/90 (2006.01); **B65C 9/18** (2006.01); **B65C 9/40** (2006.01)

CPC (source: EP US)
B65C 9/183 (2013.01 - EP US); **B65C 9/40** (2013.01 - EP US); **B65C 2009/1861** (2013.01 - EP US); **Y10T 225/35** (2015.04 - EP US)

Cited by
FR3039453A1; DE19546802C1; ES2119616A1; DE19621586A1; DE19621586C2; US5947883A; CN1082006C; EP0771733A3;
WO2017021597A1; US10800126B2

Designated contracting state (EPC)
DE ES FR IT NL

DOCDB simple family (publication)
EP 0560066 A1 19930915; **EP 0560066 B1 19950118**; CA 2091196 A1 19930911; CA 2091196 C 20000718; CN 1034649 C 19970423;
CN 1076163 A 19930915; DE 4220308 A1 19930916; DE 59300061 D1 19950302; ES 2067337 T3 19950316; JP 3479316 B2 20031215;
JP H0639951 A 19940215; US 5312032 A 19940517

DOCDB simple family (application)
EP 93102002 A 19930209; CA 2091196 A 19930308; CN 93102481 A 19930309; DE 4220308 A 19920622; DE 59300061 T 19930209;
ES 93102002 T 19930209; JP 4825393 A 19930309; US 2966093 A 19930310