

Title (en)

APPARATUS FOR SEALING A PACKAGE OF FLUIDS

Publication

**EP 0086364 A3 19840815 (DE)**

Application

**EP 83100658 A 19830126**

Priority

DE 3204773 A 19820211

Abstract (en)

[origin: US4546592A] Apparatus for sealing a liquid package made of paper coated with plastic on at least one surface including a pair of extending fingers that can be inserted in the open end of the package to flatten the top edges thereof into a single strip; a pair of welding jaws to seal the top folded seam strip; and drive mechanisms to operate the fingers and jaws. Each extending finger is flat at its engaging end with the package, the narrow edges of which are rounded in cross section, with its longitudinal axis initially perpendicular to the top of the folded seam strip. The fingers are driven down and out to flatten the top edges and form an elongated seam strip whereafter the welding jaws, driven synchronously with the movement of the fingers, seal and strip the seam strip off the extending fingers.

IPC 1-7

**B65B 51/14**

IPC 8 full level

**B65B 5/10** (2006.01); **B65B 7/06** (2006.01); **B65B 7/16** (2006.01); **B65B 51/10** (2006.01); **B65B 51/14** (2006.01)

CPC (source: EP US)

**B65B 7/06** (2013.01 - EP US); **B65B 51/144** (2013.01 - EP US)

Citation (search report)

[A] DE 2924776 A1 19810409 - PHB WESERHUETTE AG [DE]

Cited by

US5265402A; EP0413431A3

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**US 4546592 A 19851015**; AU 1076783 A 19830818; AU 559341 B2 19870305; CA 1201100 A 19860225; DE 3204773 A1 19830818; DE 3204773 C2 19910912; DE 3373296 D1 19871008; EP 0086364 A2 19830824; EP 0086364 A3 19840815; EP 0086364 B1 19870902; ES 519674 A0 19831116; ES 8400968 A1 19831116; GB 2118132 A 19831026; GB 2118132 B 19851009; GB 8303898 D0 19830316; JP H0629078 B2 19940420; JP S58160207 A 19830922

DOCDB simple family (application)

**US 46372283 A 19830204**; AU 1076783 A 19830126; CA 421223 A 19830209; DE 3204773 A 19820211; DE 3373296 T 19830126; EP 83100658 A 19830126; ES 519674 A 19830210; GB 8303898 A 19830211; JP 1986083 A 19830210