

Title (en)

Method and device for closing a package.

Title (de)

Verfahren und Vorrichtung zum Verschliessen einer Packung.

Title (fr)

Procédé et dispositif pour la fermeture d'un emballage.

Publication

**EP 0508222 B1 19950104 (DE)**

Application

**EP 92105171 A 19920326**

Priority

DE 4111758 A 19910411

Abstract (en)

[origin: CA2065535A1] A Method and Apparatus for Closing A Pack A description is given of a method and apparatus for sealingly closing a pack (18) for liquids, in the top (9) of which pack a hole is disposed which has upstanding collar, wherein a pouring device (10) provided with a cup-like recess with a flange is joined to the collar of the hole. In order to reliably and accurately place the flange of the pouring device in seal-tight manner in the collar of the hole, wherein even in mass production the problems to be feared are excluded, it is provided according to the invention that the pouring device (10) be placed on a support (mandrel 31, 33; 31') and rotated therewith about a longitudinal axis (40), whilst a thread of adhesive is placed on the flange of the pouring device (10) when the mandrel (31, 31') is rotated about the longitudinal axis (40), and the flange of the pouring device (10) is then brought into contact, and joined to, the collar of the hole.

IPC 1-7

**B65B 7/28**

IPC 8 full level

**B65B 51/02** (2006.01); **B65B 7/28** (2006.01)

CPC (source: EP KR US)

**B65B 7/2871** (2013.01 - EP US); **B67B 5/00** (2013.01 - KR)

Cited by

JP2010529914A; EP2003059A1; US8336703B2; WO2008152143A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0508222 A1 19921014; EP 0508222 B1 19950104;** AR 247175 A1 19941130; AT E116613 T1 19950115; AU 1478492 A 19921015; AU 654852 B2 19941124; BR 9201240 A 19921201; CA 2065535 A1 19921012; CN 1030180 C 19951101; CN 1067628 A 19930106; CS 110192 A3 19921014; DE 4111758 A1 19921015; DE 4111758 C2 19961017; DE 59201113 D1 19950216; DK 0508222 T3 19950606; ES 2066505 T3 19950301; FI 921575 A0 19920409; FI 921575 A 19921012; GR 3015651 T3 19950731; HU 213238 B 19970328; HU 9201181 D0 19920728; HU T64278 A 19931228; JP H0672404 A 19940315; KR 920019664 A 19921119; MX 9201612 A 19940531; NO 921381 D0 19920408; NO 921381 L 19921012; NZ 242297 A 19930927; RU 2044675 C1 19950927; SK 110192 A3 19941207; TW 260648 B 19951021; US 5297375 A 19940329; ZA 922380 B 19921230

DOCDB simple family (application)

**EP 92105171 A 19920326;** AR 32210592 A 19920409; AT 92105171 T 19920326; AU 1478492 A 19920408; BR 9201240 A 19920407; CA 2065535 A 19920407; CN 92102689 A 19920411; CS 110192 A 19920410; DE 4111758 A 19910411; DE 59201113 T 19920326; DK 92105171 T 19920326; ES 92105171 T 19920326; FI 921575 A 19920409; GR 950400795 T 19950403; HU 9201181 A 19920408; JP 9058392 A 19920410; KR 920006057 A 19920411; MX 9201612 A 19920408; NO 921381 A 19920408; NZ 24229792 A 19920409; SK 110192 A 19920410; SU 5011376 A 19920410; TW 81103386 A 19920428; US 86454992 A 19920407; ZA 922380 A 19920401