

Title (en)
DEVICE FOR SEALING LIDS ONTO PACKAGES

Title (de)
VORRICHTUNG ZUM AUFSIEGELN VON DECKELN AUF PACKUNGEN

Title (fr)
DISPOSITIF POUR SCELLER DES COUVERCLES SUR DES EMBALLAGES

Publication
EP 0948444 B1 20020206 (DE)

Application
EP 97951970 A 19971125

Priority
• DE 19654373 A 19961224
• EP 9706570 W 19971125

Abstract (en)
[origin: US6199347B1] An apparatus for sealing tops onto openings of packs arranged at a distance (m) from each other. The apparatus includes a first conveying means, e.g. a first conveyor, for intermittently conveying the packs in a first direction of travel through a row of at least three sealing stations spaced a machine pitch (m) from each other, and a transport apparatus, e.g. a second conveyor, for transporting the tops in a row behind each other and transversely to the first direction of travel, intermittently over the openings of packs located in the row of sealing stations. The transport apparatus includes a tops belt guided over drive rollers to which the tops are detachably attached behind each other using holding bridges. The tops are spaced a belt pitch (t) from each other and the tops belt is provided with positioning apparatus for properly positioning the tops over the openings. Fixed measurement and display apparatuses are attached in front of and behind the row of sealing stations to provide data permitting a predetermined length of belt over the openings of the packs in the row of sealing stations so that the center of each top, on the belt over the openings, lies over the center of a pack opening.

IPC 1-7
B65B 7/28; **B65B 55/10**

IPC 8 full level
B65B 7/16 (2006.01); **B65B 7/28** (2006.01); **B65B 55/10** (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP US)
B65B 7/164 (2013.01 - EP US); **B65B 7/2814** (2013.01 - EP US); **B65B 7/2878** (2013.01 - EP US); **B65B 55/10** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6199347 B1 20010313; AT E212929 T1 20020215; AU 5555998 A 19980717; AU 730343 B2 20010308; BR 9714085 A 20000509; CA 2274646 A1 19980702; CN 1131160 C 20031217; CN 1241161 A 20000112; DE 19654373 A1 19980702; DE 59706342 D1 20020321; EP 0948444 A1 19991013; EP 0948444 B1 20020206; ES 2168684 T3 20020616; JP 2001506568 A 20010522; TW 346465 B 19981201; WO 9828191 A1 19980702

DOCDB simple family (application)
US 33152599 A 19990916; AT 97951970 T 19971125; AU 5555998 A 19971125; BR 9714085 A 19971125; CA 2274646 A 19971125; CN 97180902 A 19971125; DE 19654373 A 19961224; DE 59706342 T 19971125; EP 9706570 W 19971125; EP 97951970 A 19971125; ES 97951970 T 19971125; JP 52828698 A 19971125; TW 86119360 A 19971219