

Title (en)
BAGGER METHOD AND APPARATUS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM EINTÜTEN

Title (fr)
PROCEDE ET APPAREIL DE MISE EN SACS

Publication
EP 1042170 A4 20050928 (EN)

Application
EP 98951987 A 19980930

Priority
• US 9820395 W 19980930
• US 6051897 P 19970930

Abstract (en)
[origin: WO9916672A1] A palletizing mechanism (PP, WB, HB-1, HB-2) supplies a pallet and a length of wrapping paper for receiving successive rows of bags until a full pallet load is prepared. The palletizing apparatus can be mated to the bagger apparatus, and operated synchronously therewith under the management of a common programmable controller. The palletizer apparatus receives each stick of can ends in a predetermined orientation, and maintains the orientation vis-a-vis all sticks in a pallet load. The sticks are placed sequentially into a row of predetermined number of sticks, then that row is loaded onto the top of a layer of wrapping, the first row being supported on a suitable empty pallet, then the wrap is passed over the last placed row. This operation proceeds with the wrap supply following a to-and-fromotion until the desired number of rows is automatically built up on a pallet.

IPC 1-7
B65B 5/06; **B65B 35/50**; **B65B 43/26**; **B65B 35/40**

IPC 8 full level
B65B 13/04 (2006.01); **B65B 5/06** (2006.01); **B65B 17/02** (2006.01); **B65B 19/34** (2006.01); **B65B 27/10** (2006.01); **B65B 35/20** (2006.01); **B65B 35/40** (2006.01); **B65B 35/50** (2006.01); **B65B 43/14** (2006.01); **B65B 43/26** (2006.01); **B65B 61/20** (2006.01); **B65G 57/00** (2006.01)

CPC (source: EP)
B65B 5/067 (2013.01); **B65B 17/02** (2013.01); **B65B 19/34** (2013.01); **B65B 35/20** (2013.01); **B65B 35/40** (2013.01); **B65B 43/14** (2013.01); **B65B 61/207** (2013.01)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 9916670A1

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

DOCDB simple family (publication)
WO 9916672 A1 19990408; **WO 9916672 A9 19990722**; CA 2305663 A1 19990408; CA 2305664 A1 19990408; EP 1036001 A1 20000920; EP 1036001 A4 20051005; EP 1042170 A1 20001011; EP 1042170 A4 20050928; JP 2001518429 A 20011016; JP 2001519290 A 20011023; WO 9916670 A1 19990408; WO 9916670 A9 19990603

DOCDB simple family (application)
US 9820409 W 19980930; CA 2305663 A 19980930; CA 2305664 A 19980930; EP 98950764 A 19980930; EP 98951987 A 19980930; JP 2000513765 A 19980930; JP 2000513767 A 19980930; US 9820395 W 19980930