

Title (en)

MACHINE FOR FORMING AND WRAPPING STACKS OF PRODUCTS

Title (de)

MASCHINE ZUM BILDEN UND UMHÜLLEN VON STAPELN AUS EINZELARTIKELN

Title (fr)

MACHINE PERMETTANT DE FORMER ET D'ENVELOPPER DES PILES DE PRODUITS

Publication

EP 1560754 A1 20050810 (EN)

Application

EP 03780625 A 20031106

Priority

- IT 0300723 W 20031106
- IT BO20020706 A 20021107

Abstract (en)

[origin: WO2004041652A1] In a machine for forming and wrapping stacks (31) of products (2a), a stacking plate (26), having a number of radial seats (30) for relative stacks (31) of products, rotates in steps about a respective axis (27) to feed each seat (30) along an annular path (P) extending through a loading station (32) for loading individual products (2a), a reject station (32), and an unloading station (33) for unloading stacks (31); the reject station (32) being controlled by a sensor (71) activated selectively by counter-pushers (51), each of which is moved along a relative seat (30) by the individual products (2a) fed successively through an inlet (29) of the seat (30) at the loading station (25).

IPC 1-7

B65B 57/14; **B65B 35/46**

IPC 8 full level

B65B 25/00 (2006.01); **B65B 35/46** (2006.01); **B65B 35/52** (2006.01); **B65B 57/14** (2006.01); **B65B 61/28** (2006.01); **B65G 47/08** (2006.01); **B65G 57/20** (2006.01); **B65G 57/28** (2006.01); **B65B 35/50** (2006.01)

CPC (source: EP US)

B65B 11/42 (2013.01 - EP US); **B65B 11/54** (2013.01 - EP US); **B65B 25/005** (2013.01 - EP US); **B65B 35/46** (2013.01 - EP US); **B65B 35/52** (2013.01 - EP US); **B65B 57/14** (2013.01 - EP US); **B65B 61/28** (2013.01 - EP US); **B65G 47/082** (2013.01 - EP US); **B65G 57/20** (2013.01 - EP US); **B65G 57/28** (2013.01 - EP US); **B65G 2201/0205** (2013.01 - EP US)

Citation (search report)

See references of WO 2004041652A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004041652 A1 20040521; **WO 2004041652 A8 20040916**; **WO 2004041652 A8 20041021**; AU 2003288722 A1 20040607; EP 1560754 A1 20050810; IT BO20020706 A1 20040508; US 2006112662 A1 20060601

DOCDB simple family (application)

IT 0300723 W 20031106; AU 2003288722 A 20031106; EP 03780625 A 20031106; IT BO20020706 A 20021107; US 53405005 A 20051031