Title (en)

A METHOD AND DEVICE FOR SORTING AND PACKING OF UNSORTED OBJECTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSSORTIEREN UND VERPACKEN VON UMSORTIERTEN GEGENSTÄNDEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE TRIER ET D'EMBALLER DES OBJETS

Publication

EP 1200312 A1 20020502 (EN)

Application

EP 00939204 A 20000626

Priority

- NO 0000223 W 20000626
- NO 993342 A 19990706

Abstract (en)

[origin: WO0102251A1] A device for sorting and packing of unsorted objects (1) comprises a stepwise rotatable distributing turntable (2) with distributing boxes (5), a collecting turntable (3) with collecting boxes (6), and a stepwise rotatable packing turntable (4) for packing boxes (8). The distributing turntable (2) is rotated stepwise, and objects (1) which are classified in advance are fed sequentially into the distributing boxes (5). When a distributing box (5) is located above a collecting box (6) for the relevant class of objects (1), a bottom hatch (9) in the distributing box (5) is opened, causing the object (1) to drop into the collecting box (6). The packing turntable (4) is also rotated stepwise, and when a packing box (8) for a specific class of objects (1) is located below a collecting box (6) for the same class of objects (1), bottom hatch (10) in the collecting box (6) is opened, causing the objects (1) to drop into the packing boxes (8).

IPC 1-7

B65B 35/06; B65B 59/00; B65B 25/06

IPC 8 full level

B07C 5/36 (2006.01); **B07C 5/38** (2006.01); **B65B 5/10** (2006.01); **B65B 25/06** (2006.01); **B65B 35/08** (2006.01)

CPC (source: EP)

B07C 5/36 (2013.01); **B07C 5/38** (2013.01); **B65B 5/101** (2013.01); **B65B 25/061** (2013.01); **B65B 35/08** (2013.01)

Citation (search report)

See references of WO 0102251A1

Cited by

CN108816777A; CN112044812A; CN108655021A; CN108745918A; US8150633B2; US8457904B2; US8725424B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL

DOCDB simple family (publication)

WO 0102251 A1 20010111; AT E234759 T1 20030415; AU 5433000 A 20010122; CA 2377817 A1 20010111; DE 60001750 D1 20030424; DK 1200312 T3 20030714; EP 1200312 A1 20020502; EP 1200312 B1 20030319; NO 309975 B1 20010430; NO 993342 D0 19990706; NO 993342 L 20010108; NZ 516508 A 20040227

DOCDB simple family (application)

NO 0000223 W 20000626; AT 00939204 T 20000626; AU 5433000 A 20000626; CA 2377817 A 20000626; DE 60001750 T 20000626; DK 00939204 T 20000626; EP 00939204 A 20000626; NO 993342 A 19990706; NZ 51650800 A 20000626