

Title (en)

METHOD FOR DETECTING MULTIPLE PRESENCE OF OBJECTS IN A SORTING MACHINE

Title (de)

FESTSTELLUNG DER ANWESENHEIT EINER MEHRZAHL VON OBJEKTEN IN EINER SORTIEREINRICHTUNG

Title (fr)

DETECTION DE PRESENCE MULTIPLE D'OBJETS DANS UNE MACHINE DE TRI

Publication

**EP 1115507 A1 20010718 (FR)**

Application

**EP 99942984 A 19990916**

Priority

- FR 9902202 W 19990916
- FR 9811897 A 19980921

Abstract (en)

[origin: FR2783442A1] The conveyor container multiple object technique has a continuous container set (G) holding packets vertically and moving along a conveyor line with a lower conveyor belt (S). Each conveyor container has a lower V-shape section. Prior to packet conveyor container loading, a threshold (1) is established. Initially, packet loading is into the V-shaped section. If more than one packet is present (T), then as the conveyor belt comes into play on the base of the packets, the excess packets are separated out and multiple packet loading is avoided.

IPC 1-7

**B07C 1/02**; **B07C 3/08**; **B65H 7/12**

IPC 8 full level

**B07C 1/04** (2006.01); **B07C 3/08** (2006.01); **B65H 7/12** (2006.01)

CPC (source: EP)

**B07C 1/04** (2013.01); **B07C 3/082** (2013.01); **B65H 7/125** (2013.01); **B65H 2301/321** (2013.01)

Citation (search report)

See references of WO 0016915A1

Cited by

DE102010012951A1; DE102010014105A1; WO2011124583A1

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)

**FR 2783442 A1 20000324**; **FR 2783442 B1 20001110**; DE 69908155 D1 20030626; DE 69908155 T2 20040325; EP 1115507 A1 20010718; EP 1115507 B1 20030521; WO 0016915 A1 20000330

DOCDB simple family (application)

**FR 9811897 A 19980921**; DE 69908155 T 19990916; EP 99942984 A 19990916; FR 9902202 W 19990916