

Title (en)

METHOD FOR OPERATING A DETECTOR FOR IDENTIFYING THE OVERLAPPING OF FLAT MAIL IN A SORTING MACHINE

Title (de)

VERFAHREN ZUM BETRIEB EINES DETEKTORS ZUM ERKENNEN VON ÜBERLAPPUNGEN FLACHER SENDUNGEN IN EINER SORTIERMASCHINE

Title (fr)

PROCEDE D'UTILISATION D'UN DETECTEUR DESTINE A IDENTIFIER DES CHEVAUCHEMENTS D'ENVOIS PLATS DANS UNE TRIEUSE

Publication

**EP 1651551 A1 20060503 (DE)**

Application

**EP 04763515 A 20040727**

Priority

- EP 2004008376 W 20040727
- DE 10335645 A 20030804

Abstract (en)

[origin: DE10335645B3] The operating method has the cost for each undetected overlap in the mail sorting process and the cost for the subsequent sorting and distribution of each detected overlap calculated prior to the sorting operation, with determination of the detection rate and the error rate of the overlapping envelope detector from a setting parameter. During the sorting operation the actual overlapping rate is estimated at defined time intervals and used for adjustment of the setting parameter for the next operating interval for optimizing the operating costs.

IPC 1-7

**B65H 7/12**; **B07C 1/04**

IPC 8 full level

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

CPC (source: EP US)

**B07C 1/04** (2013.01 - EP US); **B65H 7/125** (2013.01 - EP US)

Citation (search report)

See references of WO 2005016803A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 10335645 B3 20050120**; CA 2534545 A1 20050224; CN 1829648 A 20060906; DE 502004006784 D1 20080521; EP 1651551 A1 20060503; EP 1651551 B1 20080409; JP 2007501176 A 20070125; US 2007100640 A1 20070503; WO 2005016803 A1 20050224

DOCDB simple family (application)

**DE 10335645 A 20030804**; CA 2534545 A 20040727; CN 200480022109 A 20040727; DE 502004006784 T 20040727; EP 04763515 A 20040727; EP 2004008376 W 20040727; JP 2006522280 A 20040727; US 56608104 A 20040727