

Title (en)

METHOD AND ASSEMBLY FOR IDENTIFYING OVERLAPPED FLAT MAIL ITEMS

Title (de)

VERFAHREN UND ANORDNUNG ZUM ERKENNEN VON ÜBERLAPPTEN FLACHEN SENDUNGEN

Title (fr)

PROCEDE ET ENSEMBLE POUR DETECTER LE CHEVAUCHEMENT D'ENVOIS PLATS

Publication

**EP 1699719 A1 20060913 (DE)**

Application

**EP 04798109 A 20041127**

Priority

- EP 2004013496 W 20041127
- DE 10361720 A 20031230

Abstract (en)

[origin: DE10361720B3] Process for identifying overlapped flat letters in a transport path for consecutively transported letters (5, 6) comprises arranging at least two transport stages (1, 2) behind each other in the transport path, and measuring the speed of the transported letters by scanning before the next transport stage up to a maximum distance less than the shortest combined letter length using two sensors (3, 4) arranged on both sides of the transport path. The measurement results are evaluated when one sensor measures a speed that deviates from the nominal speed of the next transport stage only by a fixed low value. Overlapping is detected when the simultaneously measured speeds of the two sensors are different and the smaller measured speed deviates by a fixed value from the greater speed. An independent claim is also included for an arrangement for overlapped flat letters in a transport path.

IPC 8 full level

**B65H 7/12** (2006.01)

CPC (source: EP KR US)

**B07C 3/00** (2013.01 - KR); **B65H 7/12** (2013.01 - EP KR US); **B65H 2301/321** (2013.01 - EP US); **B65H 2511/524** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/11** (2013.01 - EP US); **B65H 2553/51** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)

See references of WO 2005066052A1

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

**DE 10361720 B3 20050525**; CN 1902110 A 20070124; DE 502004006960 D1 20080605; EP 1699719 A1 20060913; EP 1699719 B1 20080423; JP 2007516911 A 20070628; KR 20060127956 A 20061213; US 2007164507 A1 20070719; US 7347417 B2 20080325; WO 2005066052 A1 20050721

DOCDB simple family (application)

**DE 10361720 A 20031230**; CN 200480039470 A 20041127; DE 502004006960 T 20041127; EP 04798109 A 20041127; EP 2004013496 W 20041127; JP 2006545953 A 20041127; KR 20067015518 A 20060731; US 58500904 A 20041127