

Title (en)

DEVICE FOR ORIENTING FLAT DESPATCHES

Title (de)

VORRICHTUNG ZUM AUSRICHTEN VON FLACHEN SENDUNGEN

Title (fr)

DISPOSITIF POUR L'ALIGNEMENT D'ARTICLES EXPEDIES PLATS

Publication

**EP 0891287 B1 20000524 (DE)**

Application

**EP 97908269 A 19970320**

Priority

- DE 19612567 A 19960329
- EP 9701394 W 19970320

Abstract (en)

[origin: DE19612567A1] The device is designed to orient flat despatches which are inclined to the extraction plane of a sorter and supported on one edge in stacks by a supporting surface and oriented towards a stopping face while being transported by a conveyor moving towards the extraction point. The sorter has at least two extraction belts (2) and suction apertures which act by friction and suction on the despatch (10) to be extracted. According to the invention, two sensors (3, 4) spring-loaded in the direction of the despatch stack and spaced apart project between two extraction belts (2) and are each coupled to a switch connected to the conveyor drive control, where the switching point is just before the extractor belts (2) and the conveyor is switched off as soon as the switches of both sensors issue a switching signal to the conveyor drive control.

IPC 1-7

**B65H 1/24**; **B65H 9/00**; **B65H 1/14**

IPC 8 full level

**B65H 1/14** (2006.01); **B65H 1/24** (2006.01); **B65H 3/12** (2006.01); **B65H 9/00** (2006.01)

CPC (source: EP)

**B65H 1/025** (2013.01); **B65H 1/24** (2013.01); **B65H 9/00** (2013.01); **B65H 2511/214** (2013.01); **B65H 2513/512** (2013.01); **B65H 2701/1916** (2013.01)

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

**DE 19612567 A1 19971002**; **DE 19612567 C2 19990429**; DE 59701767 D1 20000629; EP 0891287 A1 19990120; EP 0891287 B1 20000524; JP 2000506480 A 20000530; JP 3725163 B2 20051207; WO 9736810 A1 19971009

DOCDB simple family (application)

**DE 19612567 A 19960329**; DE 59701767 T 19970320; EP 9701394 W 19970320; EP 97908269 A 19970320; JP 51611197 A 19970320