

Title (en)

FLAT ARTICLE SEPARATING AND TRANSFERRING DEVICE

Title (de)

VORRICHTUNG ZUR VEREINZELUNG UND ZUR ÜBERGABE VON FLACHEM STÜCKGUT

Title (fr)

DISPOSITIF A SEPARER ET A TRANSFERER DES ARTICLES PLATS

Publication

**EP 0788453 B1 19990317 (DE)**

Application

**EP 95935340 A 19951018**

Priority

- DE 9501451 W 19951018
- DE 4438314 A 19941026

Abstract (en)

[origin: WO9613453A1] A flat article separating and transferring device has means (E) for receiving flat articles (S) and for bringing flat articles (S) to a transfer position (A); an endless revolving conveyor belt (MB) provided with at least one suction hole (SO); at least one suction chamber (SK) arranged in the area of the transfer position (A) at the rear side of the conveyor belt (MB); an endless revolving compression belt (AB) associated with the conveyor belt (MB) in the area that follows the transfer position (A); conveyor means (F) for receiving and further transporting separated articles (S). Articles (S) brought to the transfer position (A) are gripped by the suction hole (SO), are further transported between conveyor belt (MB) and compression belt (AB) and are then ejected onto conveyor means (F). This device is suitable for handling newspapers and magazines.

IPC 1-7

**B65H 5/22**

IPC 8 full level

**B65H 3/12** (2006.01); **B65H 5/22** (2006.01)

CPC (source: EP KR)

**B65H 5/22** (2013.01 - KR); **B65H 5/224** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

**WO 9613453 A1 19960509**; AT E177706 T1 19990415; AU 3740695 A 19960523; AU 688607 B2 19980312; BR 9509476 A 19970916; CA 2203635 A1 19960509; CN 1066413 C 20010530; CN 1161676 A 19971008; DE 59505392 D1 19990422; DK 0788453 T3 19991011; EP 0788453 A1 19970813; EP 0788453 B1 19990317; ES 2130662 T3 19990701; GR 3030511 T3 19991029; JP H10507729 A 19980728; KR 970707031 A 19971201

DOCDB simple family (application)

**DE 9501451 W 19951018**; AT 95935340 T 19951018; AU 3740695 A 19951018; BR 9509476 A 19951018; CA 2203635 A 19951018; CN 95195877 A 19951018; DE 59505392 T 19951018; DK 95935340 T 19951018; EP 95935340 A 19951018; ES 95935340 T 19951018; GR 990401586 T 19990615; JP 51423396 A 19951018; KR 19970702831 A 19970426