

Title (en)

Device for separating stacked flat objects, said objects being stacked on the edge

Title (de)

Einrichtung zur Vereinzelung von stapelweise stehend zugeführten flachen Gegenständen

Title (fr)

Dispositif de séparation d'objets plats transportés en pile sur le chant

Publication

**EP 0854103 B1 20011128 (DE)**

Application

**EP 97810983 A 19971215**

Priority

CH 314496 A 19961220

Abstract (en)

[origin: EP0854103A1] The conveyor (12) consists of a continuously circulating pulley (4) conveying the flat objects (3) crosswise to the feeder direction (F). The conveyor has a separator (7) which is placed against the front end (6) of the stacked objects. The separator has a delivery section (8) facing the flat side of the front object. The delivery section belongs to a stringer (22) driven at right angles to the stack's direction of travel and belongs to a continuously circulating conveyor belt (9). The separator has at least one measurement transducer (16) facing the front stack-end of the objects, for instigating a backward or forward directed movement.

IPC 1-7

**B65H 1/14**; **B65H 1/24**

IPC 8 full level

**B65H 1/14** (2006.01); **B65H 1/24** (2006.01); **B65H 3/04** (2006.01)

CPC (source: EP US)

**B65H 1/025** (2013.01 - EP US); **B65H 1/24** (2013.01 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/40** (2013.01 - EP US)

C-Set (source: EP US)

1. **B65H 2511/22** + **B65H 2220/01**
2. **B65H 2513/10** + **B65H 2220/02** + **B65H 2220/11**
3. **B65H 2513/40** + **B65H 2220/02** + **B65H 2220/11**

Cited by

EP1072544A1; EP1065160A1; EP1052207A1

Designated contracting state (EPC)

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

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**EP 0854103 A1 19980722**; **EP 0854103 B1 20011128**; AT E209597 T1 20011215; AU 4829397 A 19980625; AU 734956 B2 20010628; CA 2221226 A1 19980620; DE 59705541 D1 20020110; JP 3802673 B2 20060726; JP H10236671 A 19980908; US 6076824 A 20000620

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