

Title (en)

SORTING DEVICE, ESPECIALLY FOR MAIL

Title (de)

SORTIEREINRICHTUNG, INSBESONDERE FÜR POSTGUT

Title (fr)

DISPOSITIF DE TRI, NOTAMMENT POUR LES ENVOIS POSTAUX

Publication

**EP 0850111 B1 20020313 (DE)**

Application

**EP 96934412 A 19960905**

Priority

- DE 9601651 W 19960905
- DE 19533118 A 19950907

Abstract (en)

[origin: US6095315A] PCT No. PCT/DE96/01651 Sec. 371 Date Mar. 4, 1998 Sec. 102(e) Date Mar. 4, 1998 PCT Filed Sep. 5, 1996 PCT Pub. No. WO97/09131 PCT Pub. Date Mar. 13, 1997A sorting apparatus is provided which includes a plurality of article carriers which circulate on a conveying device. The article carriers are capable of discharging the articles in a controllable manner. Each article carrier includes a fixed wall and a movable wall. The movable wall forms, in a closed position, together with the fixed wall, a receiving pocket for the articles. The movable wall also forms, in a discharge position, together with the fixed wall, an injection slit which is open at the bottom of the pocket and which is intended to convey the articles downward through an injection chute formed by the movable wall. The movable wall engages a support structure such as a plurality of rollers or wheels for conveying the articles. The movable wall may also include a slit for receiving a distal end of the fixed wall to the two walls together in the closed position.

IPC 1-7

**B07C 1/02**; **B07C 3/08**

IPC 8 full level

**B07C 1/02** (2006.01); **B07C 3/08** (2006.01); **B65G 47/10** (2006.01); **B65H 29/26** (2006.01)

CPC (source: EP US)

**B07C 1/025** (2013.01 - EP US); **B07C 3/082** (2013.01 - EP US); **B65H 29/26** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**US 6095315 A 20000801**; AT E214306 T1 20020315; AU 7278696 A 19970327; DE 19533118 C1 19961128; DE 59608880 D1 20020418; EP 0850111 A1 19980701; EP 0850111 B1 20020313; WO 9709131 A1 19970313

DOCDB simple family (application)

**US 4301598 A 19980304**; AT 96934412 T 19960905; AU 7278696 A 19960905; DE 19533118 A 19950907; DE 59608880 T 19960905; DE 9601651 W 19960905; EP 96934412 A 19960905