

Title (en)  
SEPARATING DEVICE

Publication  
**EP 0185959 B1 19890308 (DE)**

Application  
**EP 85115129 A 19851128**

Priority  
DE 3444335 A 19841205

Abstract (en)  
[origin: US4691913A] A singling apparatus for letters, vouchers, receipts, checks, punched cards, or other main items of all kinds up to a given size and thickness, singles out the items arriving in any irregular sequence one below the other, unarranged and oriented on a longitudinal or transverse edge. To obtain a high singling output and draw-off quality, the items are transported in vertical position through a transport mechanism and, by using a restricting guiding unit, into the draw-off region of a draw-off belt revolving about deflection bodies tangentially toward the draw-off belt surface. In the contact zone of draw-off belt and one deflection body the inflowing mail items are pressed against the draw-off belt and only the items coming into contact with the draw-off belt directly are drawn off by friction, by deflection of these items around the deflection body.

IPC 1-7  
**B65H 3/04**; **B07C 1/02**

IPC 8 full level  
**B07C 1/02** (2006.01); **B65H 3/04** (2006.01); **B65H 3/52** (2006.01)

CPC (source: EP US)  
**B07C 1/025** (2013.01 - EP US); **B65H 3/04** (2013.01 - EP US); **B65H 3/52** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

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