

Title (en)

Apparatus for dispensing flat articles.

Title (de)

Apparat zum Ausgeben von flachen Gegenständen.

Title (fr)

Appareil pour la distribution d'articles plats.

Publication

**EP 0543559 B1 19950329 (EN)**

Application

**EP 92310290 A 19921111**

Priority

GB 9124171 A 19911114

Abstract (en)

[origin: EP0543559A1] An envelope dispensing module (10) for use in an ATM includes feed belts (26) for feeding the lowermost envelope (18') of a stack of envelopes (18) along a feed path towards an exit slot (50). Pulse generating means (54) include a roller (62) which is urged into engagement with the underside of the lowermost envelope (18') as this envelope (18') is fed along the feed path. During such feeding movement, a sensor (68) associated with a timing disc (64) mounted for rotation with the roller (62) generates a series of timing pulses in response to rotation of the roller (62) due to its engagement with the lowermost envelope (18'). Electronic control means are arranged to stop the feed belts (26) with the lowermost envelope (18') in its correctly presented position at the exit slot (50) in response to the control means counting a predetermined number of timing pulses subsequent to the sensing of the leading edge of this envelope (18') by sensing means (78) positioned behind the exit slot (50).  
<IMAGE>

IPC 1-7

**B65H 7/12**; B65H 3/46; B65H 3/06; B65H 3/04

IPC 8 full level

**B65H 3/04** (2006.01); **B65H 3/46** (2006.01); **B65H 7/02** (2006.01); **B65H 7/04** (2006.01); **B65H 7/12** (2006.01)

CPC (source: EP)

**B65H 3/042** (2013.01); **B65H 3/46** (2013.01); **B65H 7/02** (2013.01); **B65H 7/04** (2013.01); **B65H 7/125** (2013.01); **B65H 2511/15** (2013.01); **B65H 2511/30** (2013.01); **B65H 2511/51** (2013.01); **B65H 2511/514** (2013.01); **B65H 2513/512** (2013.01); **B65H 2557/33** (2013.01); **B65H 2701/1311** (2013.01); **B65H 2701/1916** (2013.01)

C-Set (source: EP)

1. **B65H 2511/30** + **B65H 2220/01** + **B65H 2220/03**
2. **B65H 2511/51** + **B65H 2220/03**
3. **B65H 2513/512** + **B65H 2220/02**
4. **B65H 2701/1311** + **B65H 2220/01**
5. **B65H 2511/15** + **B65H 2220/03**

Cited by

EP0714841A1; DE10137390B4; EP1323653A1; FR2833934A1; EP1606747A4; EP3050831A1; US7331576B2; US6971645B2; WO2005105630A3; WO2004081885A2; US9745159B2

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DOCDB simple family (application)

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