

Title (en)  
DEVICE AND PROCESS FOR INTERMEDIATE STACKING OF LETTERS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM ZWISCHENSTAPELN VON SENDUNGEN

Title (fr)  
DISPOSITIF D'EMPILAGE INTERMEDIAIRE

Publication  
**EP 0868227 B1 19990825 (DE)**

Application  
**EP 96943994 A 19961218**

Priority  
• DE 19547292 A 19951219  
• EP 9605682 W 19961218

Abstract (en)  
[origin: DE19547292A1] A device is proposed for intermediate stacking of letters (SE) in particular in letter processing facilities with a stacking roller (SR), stacking carriage (SW), underlying belt (UB) and a separation device. The stacking roller (SR) is mounted on the stacking carriage (SW) and a pressure gauge is provided in the vicinity of the stacking roller to measure the pressure of the stack against the pressure gauge. It is proposed that a device should be provided for detecting possible slants in the letter stack (ST); that where such a slant is detected, the stacking carriage (SW) and/or underlying belt (UB) are made to move until the slant is eliminated; that the stacking carriage (SW) should be displaced along the underlying belt (UB) until the letter stack (ST) exerts a certain pressure on the pressure gauge provided that the device does not report the presence of a slant.

IPC 1-7  
**B07C 1/02**; **B65H 1/02**; **B65H 31/06**

IPC 8 full level  
**B07C 1/02** (2006.01); **B65H 1/02** (2006.01); **B65H 1/14** (2006.01); **B65H 31/06** (2006.01); **B65H 83/02** (2006.01)

CPC (source: EP US)  
**B07C 1/025** (2013.01 - EP US); **B65H 1/02** (2013.01 - EP US); **B65H 31/06** (2013.01 - EP US); **B65H 31/3072** (2013.01 - EP US); **B65H 83/02** (2013.01 - EP US); **B65H 2301/4214** (2013.01 - EP US); **B65H 2301/42265** (2013.01 - EP US); **B65H 2511/214** (2013.01 - EP US); **B65H 2513/40** (2013.01 - EP US); **B65H 2515/34** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

C-Set (source: EP US)  
1. **B65H 2511/214** + **B65H 2220/01**  
2. **B65H 2513/40** + **B65H 2220/02**  
3. **B65H 2513/40** + **B65H 2220/02** + **B65H 2220/11**  
4. **B65H 2515/34** + **B65H 2220/01**

Cited by  
EP1612167A3; EP1876122A1; DE102006031891A1; DE102006031891B4; US6217020B1; US6270070B1

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**DE 19547292 A1 19970626**; DE 59602907 D1 19990930; EP 0868227 A1 19981007; EP 0868227 B1 19990825; JP 2000502023 A 20000222; JP 3839058 B2 20061101; US 5957448 A 19990928; WO 9722425 A1 19970626

DOCDB simple family (application)  
**DE 19547292 A 19951219**; DE 59602907 T 19961218; EP 9605682 W 19961218; EP 96943994 A 19961218; JP 52250697 A 19961218; US 9166998 A 19980618