

Title (en)  
APPARATUS FOR FEEDING PRINTING PRODUCTS TO A CONTINUOUS-PRODUCTION LINE AND METHOD TO OPERATE THE SAME

Publication  
**EP 0149058 B1 19870121 (DE)**

Application  
**EP 84114073 A 19841122**

Priority  
CH 671883 A 19831216

Abstract (en)  
[origin: ES8507073A1] One stack space is provided for accommodating each stack of a plurality of stacks of printed products to be supplied to the processing line. Each stack space is provided with a powered feed mechanism which urges the associated stack toward a predetermined processing location, such as a product singling or supply device for singly transferring printed products to the processing line. To be able to prepare the supply of printed products at a location remote from or independent of the processing line, a plurality of transportable winding frames are provided. The winding frames are equipped for exchangeably accommodating a wound package of mutually identical printed products. The winding frames are provided with drive and conveying means which drive the wound package in an unwinding direction and convey the printed products unwinding from the printed package to a transfer location. The winding frames are each selectively connectible to any one of the feed mechanisms, while a drive member of the feed mechanism can be simultaneously coupled to a drive member of the drive and conveying means.

IPC 1-7  
**B65H 5/28; B65H 29/00**

IPC 8 full level  
**B42C 19/08** (2006.01); **B65H 5/28** (2006.01); **B65H 29/00** (2006.01); **B65H 29/51** (2006.01)

CPC (source: EP US)  
**B65H 5/28** (2013.01 - EP US); **B65H 29/006** (2013.01 - EP US); **B65H 2301/4192** (2013.01 - EP US); **B65H 2301/41922** (2013.01 - EP US);  
**B65H 2403/73** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Cited by  
EP0950626A1; ITTO20100406A1; EP0272398A1; CH680509A5; EP0569327A1; US5601043A; CH690300A5; EP0739838A3; EP0292891A1;  
US4901935A; EP0719720A1; WO0020314A1; WO2011141810A1; US6502782B1; EP0709323A1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0149058 A2 19850724; EP 0149058 A3 19850821; EP 0149058 B1 19870121;** AT E25060 T1 19870215; AU 3648384 A 19850620;  
AU 567381 B2 19871119; CA 1239156 A 19880712; DE 3462117 D1 19870226; ES 538605 A0 19850816; ES 8507073 A1 19850816;  
FI 75546 B 19880331; FI 75546 C 19880711; FI 844965 A0 19841214; FI 844965 L 19850617; JP H078693 B2 19950201;  
JP S60157437 A 19850817; SU 1556536 A3 19900407; US 4676496 A 19870630; ZA 849608 B 19850731

DOCDB simple family (application)  
**EP 84114073 A 19841122;** AT 84114073 T 19841122; AU 3648384 A 19841211; CA 469774 A 19841211; DE 3462117 T 19841122;  
ES 538605 A 19841214; FI 844965 A 19841214; JP 26515884 A 19841215; SU 3826157 A 19841214; US 67756484 A 19841203;  
ZA 849608 A 19841211