

Title (en)

PROCESS AND DEVICE FOR FORMING AND MOVING STACKS OF PRINTED SHEETS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BILDEN UND VERSETZEN VON STAPELN AUS BEDRUCKTEN BLÄTTERN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE FORMER ET DE DEPLACER DES PILES DE FEUILLES IMPRIMEES

Publication

EP 0722415 A1 19960724 (DE)

Application

EP 94928808 A 19940924

Priority

- DE 4333575 A 19931001
- EP 9403192 W 19940924

Abstract (en)

[origin: US5704604A] PCT No. PCT/EP94/03192 Sec. 371 Date Mar. 18, 1996 Sec. 102(e) Date Mar. 18, 1996 PCT Filed Sep. 24, 1994 PCT Pub. No. WO95/09796 PCT Pub. Date Apr. 13, 1995The present invention pertains to a process and a device for forming stacks from printed documents or other sheets 9. The sheets 9 are either moved forward individually or are separated from a web 2 of printed sheets by tearing or cutting, and they are arranged in a stream one on top of another such that the next sheet 9 comes to lie offset under the preceding sheet 9. The stack 10 is formed by the sheets 9 arranged in a stream coming into contact with a stop 11. To lose little time during the transfer of a finished stack 10 of sheets, a gap 25 is formed between the last sheet 9 belonging to the stack 10 and the next sheet before the sheets 9 are arranged in a stream. As soon as the last sheet 9 has reached the stacking position, the stop 11 is removed from its stop position, so that the stack 10 is moved away from the belt conveyor 20. The stop 11 is then returned into its stop position, and the next stack 10 is formed.

IPC 1-7

B65H 29/66; **B65H 31/30**

IPC 8 full level

B41F 21/00 (2006.01); **B65H 29/18** (2006.01); **B65H 29/66** (2006.01); **B65H 31/30** (2006.01); **B65H 33/12** (2006.01); **B65H 33/16** (2006.01)

CPC (source: EP US)

B65H 29/18 (2013.01 - EP US); **B65H 29/66** (2013.01 - US); **B65H 29/6636** (2013.01 - EP); **B65H 31/3054** (2013.01 - EP US); **B65H 33/12** (2013.01 - EP US); **B65H 2301/42122** (2013.01 - EP US)

Citation (search report)

See references of WO 9509796A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5704604 A 19980106; CA 2172617 A1 19950413; CA 2172617 C 19990720; DE 4333575 A1 19950406; DE 59403889 D1 19971002; EP 0722415 A1 19960724; EP 0722415 B1 19970827; ES 2106563 T3 19971101; JP 2941428 B2 19990825; JP H09502153 A 19970304; WO 9509796 A1 19950413

DOCDB simple family (application)

US 61948196 A 19960318; CA 2172617 A 19940924; DE 4333575 A 19931001; DE 59403889 T 19940924; EP 9403192 W 19940924; EP 94928808 A 19940924; ES 94928808 T 19940924; JP 51058795 A 19940924