

Title (en)
Device for stacking sheets

Title (de)
Vorrichtung zum Stapeln von Blättern

Title (fr)
Dispositif d'empilement de feuilles

Publication
EP 0470329 B1 19971229 (DE)

Application
EP 91105405 A 19910405

Priority
CH 256690 A 19900806

Abstract (en)
[origin: EP0470329A1] A device for stacking sheets (3) has in at least one belt plane (12) a belt (17) of predetermined length and an endless belt (26). In the belt plane (12), rigid rollers (20 to 25) and three guide rollers (13; 14; 15), which can be displaced by means of a carriage (11) to alter the belt geometry, are used for spreading out and tensioning the belts (17; 26). As soon as the sheet (3) passes along a direction of movement (32 or 36) into a transport plane (16) formed by the belts (17; 26), a drive (30) displaces the carriage (11) along a rail (8) and over a stack (1) in the same direction of movement (32 or 36), the sheet (3) seized by the belts (17; 26) being conveyed at twice the speed of the carriage (11) to the outer guide roller (13 or 15) and guided around said roller to be deposited onto the stack (1). <IMAGE>

IPC 1-7
B65H 29/36; **G07F 7/04**

IPC 8 full level
B65H 29/14 (2006.01); **B65H 29/36** (2006.01); **G07F 7/04** (2006.01)

CPC (source: EP KR US)
B65H 1/00 (2013.01 - KR); **B65H 29/36** (2013.01 - EP US); **G07F 7/04** (2013.01 - EP US); **Y10S 209/90** (2013.01 - EP US)

Cited by
US5803227A; DE10105242C1; EP0568486A3; DE10331018A1; DE10331018B4; KR100809135B1; US7357391B2; US6244589B1; US6953191B2; WO2005005294A3

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