

Title (en)
Temporary storage

Title (de)
Zwischenspeicher

Title (fr)
Stock provisoire

Publication
EP 0514618 B1 19970409 (DE)

Application
EP 92100806 A 19920120

Priority
• CH 139291 A 19910508
• US 29208394 A 19940816

Abstract (en)
[origin: EP0514618A1] A temporary store for the storage of sheets (2) for a specific time has an acceptance and a transport cycle and comprises a feed system (7) and a transport system (8). In the acceptance cycle, the intermediate store waits until a first detector (52) detects the presence of a sheet (2) at an entrance (11) and initiates an acceptance operation in the feed system (7) via a control unit (6). The feed system (7) layers the sheets (2), fed by a conveying system (4), to form a stack (12) in the transport system which is blocked in the acceptance cycle. As soon as the acceptance cycle is concluded, the control unit (6) decides whether the transport system (8) is to guide the stack (12) into a cassette (9) or into a rejection tray (10), and switches on driving means of the transport system (8), the stack (12) being transported in the predetermined direction. The intermediate store subsequently returns to the acceptance cycle. <IMAGE>

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

IPC 8 full level
B65H 29/14 (2006.01); **B65H 29/36** (2006.01); **B65H 29/60** (2006.01); **B65H 31/30** (2006.01); **B65H 83/00** (2006.01); **G07B 11/02** (2006.01); **G07D 1/00** (2006.01); **G07D 11/00** (2006.01); **G07F 7/04** (2006.01)

CPC (source: EP US)
B65H 29/14 (2013.01 - EP US); **B65H 29/36** (2013.01 - EP US); **B65H 29/60** (2013.01 - EP US); **G07D 11/009** (2013.01 - EP US); **G07D 11/12** (2018.12 - EP US); **G07D 11/14** (2018.12 - EP US); **G07D 11/17** (2018.12 - EP US); **G07F 7/04** (2013.01 - EP US); **B65H 2404/261** (2013.01 - EP US); **B65H 2404/2613** (2013.01 - EP US)

Cited by
CN111587451A; EP0644512A3; US5540544A

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EP 0514618 A1 19921125; **EP 0514618 B1 19970409**; **EP 0514618 B2 20000510**; CA 2067703 A1 19921109; DE 59208307 D1 19970515; ES 2099173 T3 19970516; ES 2099173 T5 20000816; JP 3325043 B2 20020917; JP H05139628 A 19930608; MX 9201205 A 19921101; US 5711649 A 19980127

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