

Title (en)
Vertical strip accumulator

Title (de)
Vertikaler Bandspeicher

Title (fr)
Accumulateur de bande vertical

Publication
EP 0844204 B1 20020227 (DE)

Application
EP 97250327 A 19971105

Priority
DE 19650997 A 19961126

Abstract (en)
[origin: EP0844204A2] The handling includes a carrier frame which forms a loop tower in which web is fed in loops about deflection rollers on upper and lower roller bridges (3,7) stacked vertically and which are synchronously moved together and apart. The roller bridge weights compensate each other as counter weights. Each roller bridge has an associated pulley (12). The fixed roller (13) of one pulley is mounted above the upper roller bridge (3) and that of the other pulley below the lower roller bridge (7) on the carrier frame. The free rollers (14) are mounted on the roller bridges and the cables (15) for both pulleys are fed to driven cable drums (16).

IPC 1-7
B65H 20/34

IPC 8 full level
B21C 49/00 (2006.01); **B65H 20/34** (2006.01)

CPC (source: EP)
B21C 49/00 (2013.01); **B65H 20/34** (2013.01)

Cited by
CN107902445A; CN104909219A; US6345753B1; WO9952804A1

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

DOCDB simple family (publication)
EP 0844204 A2 19980527; EP 0844204 A3 19980701; EP 0844204 B1 20020227; AT E213715 T1 20020315; DE 19650997 A1 19980625; DE 19650997 C2 19981203; DE 59706487 D1 20020404; JP H10157895 A 19980616

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EP 97250327 A 19971105; AT 97250327 T 19971105; DE 19650997 A 19961126; DE 59706487 T 19971105; JP 33942597 A 19971125