

Title (en)

Signature handling apparatus.

Title (de)

Druckbogenhandhabungsvorrichtung.

Title (fr)

Dispositif de manutention de feuilles pliées.

Publication

**EP 0133945 A1 19850313 (EN)**

Application

**EP 84108541 A 19840719**

Priority

- US 51801483 A 19830728
- US 51801583 A 19830728
- US 52584083 A 19830824

Abstract (en)

Sheet material handling apparatus comprising a transfer vehicle (28) movable along a guide track (26) between a stack pickup position and a stack discharge position. The transfer vehicle has a clamping mechanism (30) for clamping a stack of signatures at the stack pickup position and for removing the stack of signatures from the stack pickup position. The clamping mechanism (30) is adapted to maintain clamping engagement with the stack of signatures as the transfer vehicle (28) is moved along the guide track (26) away from the stack pickup position and to the stack delivery position, and the clamping mechanism is releasable from the stack of signatures at the stack delivery position.

IPC 1-7

**B65H 31/30**

IPC 8 full level

**B65B 27/08** (2006.01); **B65H 29/14** (2006.01); **B65H 31/26** (2006.01); **B65H 31/30** (2006.01); **B65H 31/32** (2006.01)

CPC (source: EP)

**B65B 27/08** (2013.01); **B65H 29/14** (2013.01); **B65H 29/66** (2013.01); **B65H 31/26** (2013.01); **B65H 31/3045** (2013.01); **B65H 31/32** (2013.01); **B65H 33/12** (2013.01); **B65H 2301/42242** (2013.01); **B65H 2301/4263** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

- DE 2231743 B2 19761216
- DE 1099556 B 19610216 - MABEG MASCHB G M B H NACHF HEN
- CH 593194 A5 19771130 - STOBBS INC

Cited by

EP0591099A1; EP0767127A3; DE9400777U1; EP0316646A3; DE19720675A1; DE19720675C2; EP1314665A1; EP0433755A1; US6871893B2; WO2004018339A1; WO9110592A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0133945 A1 19850313**

DOCDB simple family (application)

**EP 84108541 A 19840719**