

Title (en)
FOLDING AND CONVEYING DEVICE

Publication
EP 0250758 B1 19890816 (DE)

Application
EP 87106129 A 19870428

Priority
DE 3621820 A 19860628

Abstract (en)
[origin: US4775136A] To permit introduction of spreading fingers or insert sheet or sheet packages between essentially adjacent positioned sheet elements or halves (4a, 4b) of a folded sheet, the sheet is folded incompletely by extending a fold or spine or crease line or partly across the sheet while leaving a terminal portion in form of an open loop. The insert element, which may be spreading fingers (13, 23, 24), spreading disks (25, 26) or another sheet (31), is then engaged within the loop which, after insertion of the insert element, can be compressed, for example by cams (20) to form a crease also in the previous loop position. The transport of the incompletely folded sheet is carried out by transporting the sheet between, for example, transport belts, with the open loop projecting laterally from the transport belts so that they will not be squeezed or compressed.

IPC 1-7
B41F 13/68; **B65H 5/30**

IPC 8 full level
B41F 13/54 (2006.01); **B41F 13/68** (2006.01); **B65H 5/30** (2006.01); **B65H 20/00** (2006.01); **B65H 45/12** (2006.01)

CPC (source: EP US)
B41F 13/68 (2013.01 - EP US); **B65H 5/308** (2013.01 - EP US); **B65H 2301/432** (2013.01 - EP US)

Citation (examination)
DE 634109 C 19360817 - ULRICH BISCHOF, et al

Cited by
EP0482399A1; DE4033759A1

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CH DE FR GB IT LI SE

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EP 0250758 A1 19880107; **EP 0250758 B1 19890816**; CA 1291774 C 19911105; DE 3621820 A1 19880107; DE 3760448 D1 19890921; JP 2708422 B2 19980204; JP S6366055 A 19880324; US 4775136 A 19881004

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