

Title (en)

Buckling folder with a bag for folding and collecting

Title (de)

Stauchfalzmaschine mit einer Sammelfalztasche

Title (fr)

Plieuse à poches avec un sac de pliage et de stockage

Publication

EP 0768267 A3 19980211 (DE)

Application

EP 96115775 A 19961002

Priority

DE 29516265 U 19951013

Abstract (en)

[origin: US5871433A] Buckle folding machine including folding pockets, which have a paper stop each. One folding pocket being for collection and subsequent joint folding of a plurality of sheets. From the folding pocket the collected sheets of paper pass together through a folding mechanism, having a draw-in point formed by upper and lower draw-in rollers and having at least one pair of folding rollers forming a folding point. A sheet feeder with a conveyor track directed toward the draw-in point, in which a stacking ramp is located, is arranged in front of the draw-in point. To guarantee trouble-free operation even when the intake depth is smaller than the greatest sheet size, an additional sheet drive, which partially conveys the newly arriving sheet through the draw-in point into a collecting folding pocket arranged behind it in a position in which it is lifted off from the conveyor track or from the sheets deposited in the conveyor track behind the stacking ramp, is arranged between the draw-in point, which is provided with an open passage gap, and the stacking ramp at a vertically spaced location above the conveyor track.

IPC 1-7

B65H 45/14

IPC 8 full level

B65H 29/32 (2006.01); **B65H 45/14** (2006.01)

CPC (source: EP US)

B65H 29/243 (2013.01 - EP US); **B65H 29/32** (2013.01 - EP US); **B65H 45/142** (2013.01 - EP US); **B65H 2301/4212** (2013.01 - EP US); **B65H 2301/4213** (2013.01 - EP US); **B65H 2701/18262** (2013.01 - EP US)

Citation (search report)

- [A] US 4621966 A 19861111 - LUPERTI HARRY E [US], et al
- [A] US 5269744 A 19931214 - MOLL RICHARD J [US]

Cited by

WO2013090014A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

DE 29516265 U1 19951207; DE 59601071 D1 19990211; EP 0768267 A2 19970416; EP 0768267 A3 19980211; EP 0768267 B1 19981230; US 5871433 A 19990216

DOCDB simple family (application)

DE 29516265 U 19951013; DE 59601071 T 19961002; EP 96115775 A 19961002; US 72877696 A 19961011