

Title (en)

Buckle folder with insert supplying devices.

Title (de)

Stauchfalzmaschine mit Beilagenzuführeinrichtung.

Title (fr)

Plieuse à poches avec dispositif d'alimentation d'encarts.

Publication

EP 0453791 B1 19940420 (DE)

Application

EP 91104717 A 19910326

Priority

DE 4012859 A 19900423

Abstract (en)

[origin: EP0453791A1] In a buckle folder with at least two folding points (F1, F2) formed in each case by a folding-roller pair (W1/W2; W2/W3), and a draw-in device which consists of two advance rollers (T1, T2) and which defines the advance speed for the material to be folded, the draw-in device lies in an advance path (4) running past the first folding point (F1). Arranged directed towards the first folding point are two insert supplying devices, a first behind and a second in front of the draw-in device. In order that an insert can be inserted alternatively into the first or into the second fold, the first folding point (F1) is assigned a knife-like deflection member (6) which can be moved towards the first folding point (F1) with simultaneously fold-forming deflection of the material to be folded and individually actuated for each folding process by an electronic control device (21). Directly in front of the folding pocket (25) lying between the first and the second folding point (F2), there is arranged as second deflection member (26) an electromagnetically controllable deflector for the material to be folded, which, after the material to be folded has run into the folding pocket (25), can be moved out of its rest position towards the second folding point (F2) with simultaneously fold-forming deflection of the material to be folded (43, 55). <IMAGE>

IPC 1-7

B65H 45/14

IPC 8 full level

B65H 45/16 (2006.01); **B43M 5/04** (2006.01); **B65H 45/14** (2006.01); **B65H 45/18** (2006.01)

CPC (source: EP US)

B65H 45/144 (2013.01 - EP US); **B65H 45/148** (2013.01 - EP US); **B65H 45/18** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0453791 A1 19911030; **EP 0453791 B1 19940420**; AT E104644 T1 19940515; DE 4012859 A1 19911024; DE 4012859 C2 19931216; JP 2648403 B2 19970827; JP H04223974 A 19920813; US 5125633 A 19920630

DOCDB simple family (application)

EP 91104717 A 19910326; AT 91104717 T 19910326; DE 4012859 A 19900423; JP 8822291 A 19910419; US 68930791 A 19910422