

Title (en)
FOLDING DEVICE

Publication
EP 0256333 B1 19910529 (DE)

Application
EP 87110518 A 19870721

Priority
DE 3626287 A 19860802

Abstract (en)
[origin: US4861326A] In a folding apparatus with a transverse cutting and transverse folding unit fed by a first longitudinal folding unit and with a second longitudinal folding unit followed by a delivery unit, simple development and expansion of the folding apparatus step by step is made possible by arranging the transverse cutting and transverse folding unit on a basic frame and arranging the second longitudinal folding unit on a lower additional frame. Furthermore the basic and additional frame are arranged at the same level and are provided with connection structure adjacent to each other and over the connection on the basic frame there is a further connection structure for a superposed frame with transverse and longitudinal forming unit. The additional frame is provided with support surfaces for the superposed frame which has corresponding surfaces. The additional frame and the superposed frame are provided with an add-on frame with a transverse folding delivery unit on their connection structure situated on the side remote from the basic frame.

IPC 1-7
B41F 13/54; B65H 45/16

IPC 8 full level
B65H 45/28 (2006.01); **B41F 13/54** (2006.01); **B65H 45/16** (2006.01); **B65H 45/18** (2006.01); **B65H 45/24** (2006.01)

CPC (source: EP US)
B41F 13/54 (2013.01 - EP US); **B65H 45/168** (2013.01 - EP US); **B65H 2402/10** (2013.01 - EP US)

Cited by
EP1845047A1; EP0639453A1; DE10121941C1; EP0731049A1; FR2733453A1; US5707054A; DE4327278A1; DE4327278C2; DE4327278C5; WO2008022826A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0256333 A2 19880224; EP 0256333 A3 19890726; EP 0256333 B1 19910529; EP 0256333 B2 19950412; DE 3626287 A1 19880204; DE 3626287 C2 19930318; DE 3626287 C3 19970403; DE 3770364 D1 19910704; JP 2788238 B2 19980820; JP S6341378 A 19880222; US 4861326 A 19890829

DOCDB simple family (application)
EP 87110518 A 19870721; DE 3626287 A 19860802; DE 3770364 T 19870721; JP 19363687 A 19870801; US 7318387 A 19870714