

Title (en)
Longitudinal folding device

Title (de)
Längsfalzeinrichtung

Title (fr)
Dispositif de pliage longitudinal

Publication
EP 1334940 B1 20040721 (DE)

Application
EP 03002777 A 20000318

Priority
• DE 19912290 A 19990319
• EP 00922437 A 20000318

Abstract (en)
[origin: EP1334940A1] The longitudinal folder has at least two folder-flanks (22,23) around which grips a paper deflector (165,155;61,62) which is electrically insulated from a machine framework and the lengthwise former (41). The lengthwise folder and the paper-deflector are connected to different polarities of a direct-current high-voltage source. The lengthwise folder has a former nose (24). The lengthwise former unit has two rotary forming rollers (26,27) electrically insulated from the machine frame.

IPC 1-7
B65H 45/22; **B65H 45/09**

IPC 8 full level
B41F 13/03 (2006.01); **B65H 20/16** (2006.01); **B65H 20/20** (2006.01); **B65H 23/30** (2006.01); **B65H 27/00** (2006.01); **B65H 39/16** (2006.01); **B65H 45/09** (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP)
B41F 13/03 (2013.01); **B65H 20/16** (2013.01); **B65H 20/20** (2013.01); **B65H 23/30** (2013.01); **B65H 27/00** (2013.01); **B65H 39/16** (2013.01); **B65H 45/09** (2013.01); **B65H 45/223** (2013.01); **B65H 2301/441** (2013.01); **B65H 2301/5132** (2013.01); **B65H 2301/522** (2013.01); **B65H 2404/1114** (2013.01); **B65H 2404/114** (2013.01); **B65H 2404/121** (2013.01); **B65H 2404/1316** (2013.01); **B65H 2404/1532** (2013.01); **B65H 2404/154** (2013.01); **B65H 2515/50** (2013.01); **B65H 2801/21** (2013.01)

Cited by
EP1762528A3; CN114953713A; EP1930162A3; WO2005092614A3; EP1930162A2; US7387601B2

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
DE 19950942 A1 20001026; DE 50007164 D1 20040826; EP 1334940 A1 20030813; EP 1334940 B1 20040721; EP 1454861 A2 20040908; EP 1454861 A3 20041027; EP 1454861 B1 20060517

DOCDB simple family (application)
DE 19950942 A 19991022; DE 50007164 T 20000318; EP 03002777 A 20000318; EP 04101923 A 20000318