

Title (en)  
Device for transporting paper webs

Title (de)  
Vorrichtung zum Transport von Papierbahnen

Title (fr)  
Dispositif pour transporter des bandes en papier

Publication  
**EP 1454861 A3 20041027 (DE)**

Application  
**EP 04101923 A 20000318**

Priority  
• DE 19912290 A 19990319  
• DE 19950942 A 19991022  
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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 20/16**

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)

Citation (search report)  
• [A] DE 9214808 U1 19930121  
• [A] EP 0870610 A1 19981014 - HEIDELBERGER DRUCKMASCH AG [DE]  
• [A] EP 0425741 A1 19910508 - HAMADA PRINTING PRESS [JP]  
• [A] EP 0355026 A2 19900221 - HAMADA PRINTING PRESS [JP]  
• [A] US 5400940 A 19950328 - SATO MASAYOSHI [JP], et al

Designated contracting state (EPC)  
CH DE FR GB LI

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**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)  
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