

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

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

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