

Title (en)  
ROLLERS FOR GUIDING PAPER WEBS

Title (de)  
WALZEN ZUM FÜHREN VON PAPIERBAHNEN

Title (fr)  
CYLINDRES PERMETTANT DE GUIDER DES BANDES PAPIER

Publication  
**EP 1242300 B1 20040915 (DE)**

Application  
**EP 00918704 A 20000318**

Priority  
• DE 0000846 W 20000318  
• DE 19912290 A 19990319  
• DE 19950942 A 19991022

Abstract (en)  
[origin: WO0056646A1] The invention relates to a device for drawing in at least one paper web (05, 06, 07, 137, 138, 139, 142) into a roll rotary printing press (18, 26, 27). A draw-in member (33, 34, 87, 124) is provided with permanently fixed pointed bars (35) which can be moved in such a way that said pointed bars (35) penetrate the paper web exclusively during drawing-in.

IPC 1-7  
**B65H 45/22**; **B65H 27/00**; **B65H 20/20**; **B65H 45/09**; **B65H 23/30**

IPC 8 full level  
**B41F 13/03** (2006.01); **B65H 20/20** (2006.01); **B65H 23/30** (2006.01); **B65H 27/00** (2006.01); **B65H 37/04** (2006.01); **B65H 37/06** (2006.01); **B65H 39/16** (2006.01); **B65H 45/09** (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP US)  
**B41F 13/03** (2013.01 - EP US); **B65H 20/20** (2013.01 - EP US); **B65H 23/30** (2013.01 - EP US); **B65H 27/00** (2013.01 - EP US); **B65H 39/16** (2013.01 - EP US); **B65H 45/09** (2013.01 - EP US); **B65H 45/221** (2013.01 - EP US); **B65H 45/223** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2301/441** (2013.01 - EP US); **B65H 2301/5132** (2013.01 - EP US); **B65H 2301/522** (2013.01 - EP US); **B65H 2404/1114** (2013.01 - EP US); **B65H 2404/114** (2013.01 - EP US); **B65H 2404/121** (2013.01 - EP US); **B65H 2404/1316** (2013.01 - EP US); **B65H 2404/1532** (2013.01 - EP US); **B65H 2404/154** (2013.01 - EP US); **B65H 2515/50** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US); **Y10T 156/1008** (2015.01 - EP US); **Y10T 156/1015** (2015.01 - EP US); **Y10T 156/1044** (2015.01 - EP US); **Y10T 156/1049** (2015.01 - EP US); **Y10T 156/1051** (2015.01 - EP US)

Cited by  
CN106743925A

Designated contracting state (EPC)  
CH DE FR GB LI

DOCDB simple family (publication)  
**WO 0056646 A1 20000928**; DE 50001967 D1 20030605; DE 50001971 D1 20030605; DE 50005258 D1 20040318; DE 50007814 D1 20041021; DE 50012791 D1 20060622; EP 1163179 A1 20011219; EP 1163179 B1 20030502; EP 1165421 A1 20020102; EP 1165421 B1 20030502; EP 1169252 A1 20020109; EP 1169252 B1 20040211; EP 1242300 A2 20020925; EP 1242300 B1 20040915; JP 2002540033 A 20021126; JP 2002540035 A 20021126; JP 3470803 B2 20031125; JP 3548719 B2 20040728; US 2004149799 A1 20040805; US 2005192172 A1 20050901; US 6705499 B1 20040316; US 6821240 B1 20041123; US 6929710 B1 20050816; US 7066368 B1 20060627; WO 0056650 A2 20000928; WO 0056650 A3 20001130; WO 0056651 A1 20000928; WO 0056652 A1 20000928

DOCDB simple family (application)  
**DE 0000849 W 20000318**; DE 0000846 W 20000318; DE 0000847 W 20000318; DE 0000848 W 20000318; DE 50001967 T 20000318; DE 50001971 T 20000318; DE 50005258 T 20000318; DE 50007814 T 20000318; DE 50012791 T 20000318; EP 00918704 A 20000318; EP 00922437 A 20000318; EP 00922438 A 20000318; EP 00922439 A 20000318; JP 2000606514 A 20000318; JP 2000606520 A 20000318; US 12107105 A 20050504; US 74955504 A 20040102; US 92617402 A 20020107; US 92617502 A 20020107; US 92617602 A 20020107; US 92617702 A 20020107