

Title (en)  
Apparatus for making webs

Title (de)  
Vorrichtung zur Herstellung von Materialbahnen

Title (fr)  
Appareil pour fabriquer des bandes

Publication  
**EP 1391279 A3 20051207 (DE)**

Application  
**EP 03014083 A 20030623**

Priority  
DE 10237826 A 20020819

Abstract (en)  
[origin: EP1391279A2] Controlled-flexure rollers (22) include counter-pressure components (30) between the roller casing (24) and the yoke (26). These are located on the side of the yoke facing away from the pressing gap (20). (Note that a recirculated belt exerting pressure, runs over this gap). They are used to push the roller casing away from it (20). The arrangement is provided at least in the edge zone of the adjustable flexure roller. Counter-pressure components are distributed over its width. There are controllable individually or in groups. The roller also includes conventional pressure-components (28), acting oppositely on the casing to the counter-pressure components. These have similar distributions and control options; they are located opposite the counter-pressure components. They are activated or de-activated in accordance with web width. The pressing gap (20) is heated on one or both sides. The pressing gap (20) has a curved path. Further details of guidance and support are provided.

IPC 1-7  
**B27N 3/26**; **B30B 3/00**; **D21G 1/02**

IPC 8 full level  
**B27N 3/26** (2006.01); **B30B 3/00** (2006.01); **B30B 5/04** (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)  
**B27N 3/26** (2013.01); **B30B 3/005** (2013.01); **B30B 5/04** (2013.01); **D21F 3/0209** (2013.01); **D21F 3/045** (2013.01); **D21G 1/022** (2013.01)

Citation (search report)  
• [XY] US 4729153 A 19880308 - PAV JOSEF [DE], et al  
• [X] US 5152041 A 19921006 - LINK CHRISTOPH [DE], et al  
• [X] US 5865716 A 19990202 - KIVIOJA PEKKA [FI], et al  
• [X] EP 0672786 A2 19950920 - VALMET PAPER MACHINERY INC [FI]  
• [DY] EP 0776742 A1 19970604 - PRETTO DE ESCHER WYSS SRL [IT]  
• [DA] DE 4243917 C1 19940113 - BAEHRE & GRETEN [DE]

Cited by  
US11589707B2; WO2010118609A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1391279 A2 20040225**; **EP 1391279 A3 20051207**; **EP 1391279 B1 20081001**; DE 10237826 A1 20040311; DE 50310568 D1 20081113

DOCDB simple family (application)  
**EP 03014083 A 20030623**; DE 10237826 A 20020819; DE 50310568 T 20030623