

Title (en)
Press for web material

Title (de)
Pressvorrichtung für bahnförmiges Material

Title (fr)
Presse pour matériau en bande

Publication
EP 0675224 B1 19970618 (DE)

Application
EP 95103731 A 19950315

Priority
DE 4410129 A 19940324

Abstract (en)
[origin: US5582689A] A pressing apparatus for web-shaped material, especially for smoothing a paper web, has a pressure gap between a roller and a concave pressure shoe. The pressure shoe is loaded by at least two loading elements, which are displaced in the circumferential direction of the roller, and whose loading forces can be adjusted individually. In this way, any desired pressure-stress profile can be set over the width of the pressure gap. Additionally, the radius of curvature of the concave pressure shoe is variable as a function of the loading forces.

IPC 1-7
D21F 3/02; **D21G 1/00**

IPC 8 full level
B65H 29/70 (2006.01); **B65H 23/34** (2006.01); **D21F 3/02** (2006.01); **D21G 1/00** (2006.01)

CPC (source: EP US)
D21F 3/0218 (2013.01 - EP US); **D21G 1/006** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)
US 5582689 A 19961210; AT E154651 T1 19970715; CA 2144252 A1 19950925; DE 4410129 A1 19950928; DE 59500323 D1 19970724; EP 0675224 A1 19951004; EP 0675224 B1 19970618; FI 951299 A0 19950320; FI 951299 A 19950925; JP H083888 A 19960109

DOCDB simple family (application)
US 40464495 A 19950315; AT 95103731 T 19950315; CA 2144252 A 19950309; DE 4410129 A 19940324; DE 59500323 T 19950315; EP 95103731 A 19950315; FI 951299 A 19950320; JP 6575295 A 19950324