

Title (en)
Press arrangement

Title (de)
Pressenanordnung

Title (fr)
Dispositif de pressage

Publication
EP 0823507 A3 19990203 (DE)

Application
EP 97111129 A 19970703

Priority
DE 19631637 A 19960805

Abstract (en)
[origin: EP0823507A2] The press (10) in a paper or cardboard manufacturing machine for treating a pulp web (12) has a gap (14) extending in the direction (L) the web travels. The gap comprises two pressure surfaces, at least one being formed from a flexible cover (18) over a shoe or saddle (16) and there being a fluid cushion between shoe and saddle to enable pressure to be applied against the opposing surface. The saddle is activated in such a way that, in the web travel direction, the resulting force focal point can be varied so that the pressure profile in the same direction is correspondingly affected. At least one drainage felt (28) is drawn through the gap along with the web and at least one controller (30) sets the pressure profile by adjusting the position of the focal point relative to the saddle in accordance with an input quantity (Ei) representing over its lifetime, the running felt's condition, behaviour or both.

IPC 1-7
D21F 3/02

IPC 8 full level
D21F 3/02 (2006.01)

CPC (source: EP)
D21F 3/0218 (2013.01)

Citation (search report)

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- [A] DE 4425915 A1 19960201 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [A] US 5167768 A 19921201 - CRONIN DENNIS C [US], et al
- [A] US 4713147 A 19871215 - SAARINEN ESKO [F]

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US6790316B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0823507 A2 19980211; EP 0823507 A3 19990203; DE 19631637 A1 19980212

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