

Title (en)
Smoothing cylinder arrangement

Title (de)
Glättzylinderanordnung

Title (fr)
Configuration de cylindre de lissage

Publication
EP 1318236 A3 20031126 (DE)

Application
EP 02025139 A 20021109

Priority
DE 10157694 A 20011124

Abstract (en)
[origin: EP1318236A2] The assembly (1) to polish the surface of a paper or cardboard web has a heated polishing cylinder (2), and a running path for the web (5) around the major part of the cylinder surface. A shoe roller (11,11a,11b,18) is at a given segment of the cylinder circumference, each with a flexible recirculating mantle (12), pressed against the cylinder by a support shoe structure (14). The mantles form a wide nip (17,20) for the web against the cylinder. A vapor extraction zone (22) is after each nip, and a heater (21) is in front of the first nip to heat the belt (19) of the first shoe unit.

IPC 1-7
D21G 1/00

IPC 8 full level
D21G 1/00 (2006.01)

CPC (source: EP)
D21G 1/006 (2013.01)

Citation (search report)

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- [A] DE 4322876 A1 19931118 - VOITH GMBH J M [DE]
- [A] EP 0967324 A2 19991229 - VOITH SULZER PAPIERTECH PATENT [DE]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1318236 A2 20030611; EP 1318236 A3 20031126; DE 10157694 A1 20030612; DE 10157694 B4 20070412

DOCDB simple family (application)
EP 02025139 A 20021109; DE 10157694 A 20011124