

Title (en)
APPARATUS FOR TREATING AN ENDLESS MATERIAL

Publication
EP 0307558 B1 19920422 (DE)

Application
EP 88110252 A 19880628

Priority
DE 3731350 A 19870918

Abstract (en)
[origin: EP0307558A2] Apparatus for treating an endless material, such as a textile web, especially full-width washing machine, with a plurality of upper deflecting rollers (10, 12, 14), at least one of which is equipped with a drive (16, 18, 20), a plurality of lower deflecting rollers (22, 24, 26, 28, 30) and a pneumatically or hydraulically adjustable compensator roller (32) arranged on the entry side and ensuring the setting of the desired material tension, at least one of the deflecting rollers being equipped with means (34) for measuring the force exerted on this roller by the material, and the drive or drives (16, 18, 20) of the upper deflecting roller or rollers being regulated as a function of the measured force, a non-driven deflecting roller (30) arranged on the exit side being equipped with the means (34) for measuring the force exerted on this roller by the material, and there being a regulating device (36) for regulating the drive or drives (16, 18, 20) of the deflecting roller or rollers (10, 12, 14) by comparing a desired value corresponding to the pneumatic load on the compensator roller (32) with the force measured by the means (34) on the deflecting roller (30) located on the exit side. <IMAGE>

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D06B 3/12; D06B 3/34

IPC 8 full level
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CPC (source: EP)
D06B 3/12 (2013.01); **D06B 3/34** (2013.01)

Cited by
CN104030069A; ES2049591A2; DE3731350A1; EP0653509A1; DE3929516A1; EP0419825A1; FR2621614A1; US8973801B2

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