

Title (en)

Elastically deformable belt for use in an apparatus for treating a continuous textile substrate

Title (de)

Elastisch verformbarer Riemen zur Verwendung in einer Vorrichtung zur Behandlung eines kontinuierlichen Textilsubstrats

Title (fr)

Courroie à déformation élastique pour utilisation dans un dispositif pour le traitement d'un substrat textile continu

Publication

EP 1703009 A1 20060920 (EN)

Application

EP 05425155 A 20050316

Priority

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Abstract (en)

A belt (1) which is substantially longitudinally deformable elastically for use in an apparatus for treating a continuous textile substrate is described. The belt (1) comprises: a textile support structure (111) and at least one additional layer (112a,112b,122a,122b) fixed to the textile structure (111). The textile structure (111) is formed by an interlacement of a plurality of substantially longitudinal adjacent yarns (01,02,...On) and a plurality of substantially transverse adjacent yarns (T1,T2,...Tn). The substantially longitudinal yarns (01,02,...On) comprise substantially extensible and elastic fibre. The substantially transverse yarns (T1,T2,...Tn) comprise substantially non-extensible fibre. The additional layer (112a,112b,122a,122b) may be a substantially resilient and extensible mass (for example of natural or synthetic rubber) or a fibrous layer.

IPC 8 full level

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Citation (search report)

- [DA] US 2021975 A 19351126 - HERBERT WRIGLEY JOHN, et al
- [DA] US 4908918 A 19900320 - STRAHM CHRISTIAN [CH], et al

Cited by

EP2312026A4; WO2007027909A3

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