

Title (en)

Elastic coating for a rotating press element of a fibre web machine

Title (de)

Elastische Walzenbeschichtung für ein Pressenelement in einer Faserbahnmaschine

Title (fr)

Revêtement élastique pour un élément de presse rotative d'une machine à toile de fibres

Publication

EP 2447416 A1 20120502 (EN)

Application

EP 11185417 A 20111017

Priority

FI 20106122 A 20101028

Abstract (en)

The invention relates to an elastic coating (10) suitable for the rotating press element of a fibre web machine, which comprises a base layer (120) made of a polymer material suitable for being mounted on the body (130) of the press element and a surface layer (110) made of a polymer material as a wearing layer on top of the base layer, and where the surface layer (110) comprises an outer surface (100) as the outermost radial point. The radial modulus of elasticity of the surface layer (110) beneath the outer surface (100) of the coating (10) is adjusted to a level lower than the radial modulus of elasticity of the outer surface (100).

IPC 8 full level

D21F 3/08 (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP FI)

D21F 3/08 (2013.01 - EP); **D21G 1/0233** (2013.01 - EP FI)

Citation (applicant)

- US 5887517 A 19990330 - LIANG SHIHUA [US], et al
- US 5023985 A 19910618 - SALO JUKKA [FI], et al

Citation (search report)

- [AD] US 5023985 A 19910618 - SALO JUKKA [FI], et al
- [A] EP 1659216 A1 20060524 - SCHAEFER KG [DE]
- [A] EP 1363034 A1 20031119 - VOITH PAPER PATENT GMBH [DE]
- [A] US 3447600 A 19690603 - GREENE WILLIAM E

Designated contracting state (EPC)

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Designated extension state (EPC)

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