

Title (en)

ROLL COVER WITH IMPROVED DYNAMIC PROPERTIES AND HIGH RESILIENCE BEHAVIOR

Title (de)

WALZENBEZUG MIT VERBESSERTEN DYNAMISCHEN EIGENSCHAFTEN UND HOHEM RÜCKSTELLVERHALTEN

Title (fr)

REVÊTEMENT DE CYLINDRE AYANT DES PROPRIÉTÉS DYNAMIQUES AMÉLIORÉES ET UNE RÉSILIENCE ÉLEVÉE

Publication

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Application

EP 13702601 A 20130124

Priority

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Abstract (en)

[origin: WO2013113608A1] The invention relates to a roll cover which is suitable in particular for a roll for treating a paper, cardboard, or other fibrous material web in a machine for producing and/or finishing same and which comprises at least one layer. The at least one layer contains a rubber composition which contains a rubber component comprising at least one crosslinked hydrogenated nitrile rubber and which contains at least one (meth)acrylate compound, and the at least one layer has a) a resilience speed of at least 12 mm/sec and/or a plastic deformation degree of maximally 0.9%, and b) a tan delta value of maximally 0.16 determined in accordance with DIN 53513 at 60 °C, under a tensile strength, at 10 Hz, and with a static elongation of 15% and a dynamic elongation of 1%.

IPC 8 full level

D21F 5/00 (2006.01); **D21F 3/08** (2006.01); **D21G 1/02** (2006.01); **D21H 23/58** (2006.01)

CPC (source: EP US)

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