

Title (en)

ROLL COVER WITH IMPROVED MECHANICAL PROPERTIES AND HIGH RESILIENCE BEHAVIOR

Title (de)

WALZENBEZUG MIT VERBESSERTEN MECHANISCHEN EIGENSCHAFTEN UND HOHEM RÜCKSTELLVERHALTEN

Title (fr)

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

Publication

EP 2809844 A1 20141210 (DE)

Application

EP 13702602 A 20130124

Priority

- DE 102012201314 A 20120131
- EP 2013051316 W 20130124

Abstract (en)

[origin: WO2013113609A1] 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 tensile strength of at least 17N/mm².

IPC 8 full level

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

CPC (source: EP US)

C08C 19/28 (2013.01 - US); **D21F 3/08** (2013.01 - EP US); **D21G 1/0233** (2013.01 - EP US); **D21H 23/58** (2013.01 - EP US)

Citation (search report)

See references of WO 2013113609A1

Citation (examination)

WO 02057350 A1 20020725 - BAYER AG [DE], et al

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Designated extension state (EPC)

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DOCDB simple family (publication)

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