

Title (en)
PROCESS FOR THE FINISHING OF CABLES

Publication
EP 0052830 A3 19831207 (DE)

Application
EP 81109610 A 19811111

Priority
DE 3044125 A 19801124

Abstract (en)
[origin: EP0052830A2] Ropes, cords, belts and hoses are impregnated with a finishing compsn. consisting of a vinyl-pyridine copolymer latex, an HCHO resin precondensate, HCHO, water and opt. an age-stabiliser and dye. The impregnated articles are dried, pref. 10 min. to several hrs., and heat-treated at 130-180 deg.C, pref. for 1-10 min.. Finishing increases (i) article resistance to abrasion thereby lengthening service-life, and (ii) dimensional stability under side pressure. The ropes,cords, belts and hoses consist esp.of synthetic fibre- or filament yarn. The impregnating mixt. pref. consists of 250-900 pts.wt. 40, aq. vinyl-pyridine copolymer latex, 250-31- pts.wt. water, 50 pts.wt. 40% aq. HCHO resin precondensate and 20 pts.wt. 30 % aq. HCHO. The vinyl-pyridine copolymer latex can contain up to 50% styrene-butadiene rubber latex. The compsn. can contain 20-30% dry solids. Wt. ratio vinyl-pyridine copolymer latex : HCHO resin precondensate can be 5 :1 to 20 : 1, as dry solids. Dry solids deposit quantity is 5-20 wt.% w.r.t. dry unfinished article wt..

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B29H 9/02; C08J 5/06; B29H 9/04; D06M 15/28

IPC 8 full level
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CPC (source: EP)
D06M 15/3562 (2013.01); **D07B 7/12** (2013.01)

Citation (search report)
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• [A] DE 2841401 A1 19800327 - METZELER KAUTSCHUK

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AT BE CH DE FR GB IT LI NL

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EP 0052830 A2 19820602; **EP 0052830 A3 19831207**; CA 1162114 A 19840214; DE 3044125 A1 19820715; DK 519381 A 19820525; ES 507373 A0 19821101; ES 8300904 A1 19821101; JP S57117676 A 19820722; NO 813802 L 19820525

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EP 81109610 A 19811111; CA 390549 A 19811120; DE 3044125 A 19801124; DK 519381 A 19811123; ES 507373 A 19811123; JP 18708681 A 19811124; NO 813802 A 19811110