

Title (en)

PROCESS FOR THE ANTI-FELT TREATMENT OF KERATINOUS FIBRES CONSISTING OF A BASIC OXIDATION CATALYZED BY A METAL SALT, AND FIBRES OBTAINED ACCORDING TO THE PROCESS

Publication

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Application

EP 83106432 A 19830701

Priority

FR 8211950 A 19820707

Abstract (en)

[origin: US4492585A] Antifelting treatment of keratinous fibres according to which the material is freed of its natural or foreign impurities by an aqueous detergent bath containing at least one metal ion sequestering agent; the rinsed material is treated by a water-soluble salt of a metal having several valencies, hot, in an aqueous bath of pH 3 to 4 during a sufficient period of time to achieve the homogeneous fixing of the metal salt on the fibre; the rinsed material is treated with an aqueous bath in the presence of an oxidizing agent which does not introduce metal ions and of an organic base at a pH of 8.5 to 9, hot, for 1 hour 30 minutes to 2 hours; the rinsed material is treated with an aqueous bath containing a reducing agent which does not introduce metal ions and a sequestering agent, to eliminate the ingredients used; and the material obtained is treated by an aqueous bath at pH 3, the material being subsequently drained and dried over acid. A keratinous material is thus obtained for which felting is considerably reduced and the feel qualities of which remain practically unchanged.

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Citation (search report)

- [A] US 2599977 A 19520610 - WALMSLEY CUNLIFFE PERCY, et al
- [A] US 2914374 A 19591124 - MILTON HARRIS, et al
- [A] FR 1435360 A 19660415 - PREC PROCESSES TEXTILES LTD

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