Title (en)

PROCESS FOR DYEING FIBROUS MATERIAL FROM NATURAL POLYAMIDES

Publication

EP 0089004 B1 19860416 (DE)

Application

EP 83102325 A 19830309

Priority

CH 155682 A 19820312

Abstract (en)

[origin: US4444564A] The invention relates to a process for the non-skittery and level dyeing of fibre material made of natural polyamides, with dyes or mixtures of dyes in the presence of a mixture of dyeing assistants, which comprises using for dyeing these materials an aqueous liquor which contains at least one anionic wool dye which, under the defined dyeing conditions at 1/1 standard depth, exhausts to at least 95%, and a dyeing assistant mixture containing an anionic compound of the formula <IMAGE> (1) in which R is an alkyl or alkenyl radical having 12 to 22 carbon atoms, M is hydrogen, an alkali metal or ammonium, and m and n are integers such that the sum of m and n is 2 to 14, a quaternary compound of the formula <IMAGE> (2) in which R', independently of R, is what R has been defined as, A is an anion, Q is a substituted or unsubstituted alkyl radical, and p and q are integers such that the sum of p and q is 20 to 50 , and a non-ionic compound of the formula <IMAGE> (3) in which R'', independently of R, is what R has been defined as, and x and y are integers such that the sum of x and y is 80 to 140, and which liquor can, if desired, also contain an ammonium or alkali metal salt, and finishing the dyeing regardless of its depth at pH 4.5-5.5 and at a temperature of 95 DEG to 105 DEG C. The process according to the invention is suitable for dyeing natural polyamide materials, especially wool, but also wool/nylon, wool/polyester, wool/cellulose or wool/polyacrylonitrile blends and silk, giving, with various types of dye or mixtures of dyes of identical or different dye types, non-skittery and level dyeings having good fastness properties.

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CPC (source: EP US)

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