

Title (en)

PROCESS FOR DYEING IN ONE SINGLE BATH OF MIXTURES OF CELLULOSE FIBRES AND SYNTHETIC POLYAMIDE FIBRES WITH AZO DEVELOPING DYESTUFFS

Publication

EP 0014384 B1 19820310 (DE)

Application

EP 80100347 A 19800123

Priority

DE 2902976 A 19790126

Abstract (en)

[origin: EP0014384A1] 1. A process for the uniform tone-in-tone dyeing of textile woven or knit fabrics made from mixtures of cellulose fibres and synthetic polyamide fibres according to the exhaust method from a single bath with water-insoluble azo dyestuffs formed on the fibre from coupling component and diazo component in the form of a stabilized diazonium compound, in which the dyestuff components are applied, at least partly in successive manner, under alkaline conditions and dyestuff development is caused by the action of acid, which process comprises using as the diazo component a water-soluble diazoamido compound obtained from a diazotized aromatic or heterocyclic amine and cyanamide, treating the textile goods at temperatures ranging of from 65 degrees to 75 degrees with an aqueous liquor containing the dissolved diazo component and a protective colloid, subsequently cooling down said liquor together with the impregnated textile good to temperatures ranging of from 30 degrees to 45 degrees C and further treating the same at the said decreased temperature, while simultaneously adding in portions the dissolved coupling component in the course of the both phases of the dyeing operation performed at the different temperature ranges, and finally effecting the acid treatment, which is necessary for liberating the diazonium compound and coupling, without change of the liquor.

IPC 1-7

D06P 3/852; **D06P 3/28**; **D06P 3/68**; **D06P 1/12**

IPC 8 full level

D06P 1/12 (2006.01); **D06P 3/28** (2006.01); **D06P 3/68** (2006.01); **D06P 3/82** (2006.01); **D06P 3/852** (2006.01)

CPC (source: EP)

D06P 1/127 (2013.01); **D06P 3/8219** (2013.01)

Designated contracting state (EPC)

BE CH DE FR GB IT

DOCDB simple family (publication)

DE 2902976 B1 19800424; **DE 2902976 C2 19801218**; DE 3060220 D1 19820408; EP 0014384 A1 19800820; EP 0014384 B1 19820310

DOCDB simple family (application)

DE 2902976 A 19790126; DE 3060220 T 19800123; EP 80100347 A 19800123