

Title (en)

ONE-PHASE PROCESS FOR PRODUCING PRINTS USING REACTIVE DYES BESIDES AZOIC DEVELOPING DYES ON ALKALI-PRE-IMPREGNATED TEXTILES

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0372536A2] In the conventional diazotization of fast colour bases or fast colour salts with subsequent neutralization of the acid present using Na acetate, reactive dyes can only be fixed incompletely in the print alongside diazo compounds of this type on alkali-preimpregnated goods in a one-phase process, since the acid vapours escaping in the steam partially neutralize the alkali. For this reason, it was necessary to use the two-phase procedure under these circumstances. These disadvantages can be overcome according to the invention if amines intended for dye coupling are diazotized with non-steam-volatile acids, and the pH adjustment (neutralization) is effected using salts of medium-strength, non-steam-volatile acids. Reactive dyes can then be printed onto alkali-preimpregnated goods in one phase alongside diazonium compounds and fixed without losses in the steam.

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