

Title (en)

Printing process on textile products made of cotton, other natural cellulosic fibers and mixed thereof, and textile products thus obtained

Title (de)

Verfahren zum Bedrucken von Textilien aus Baumwolle, anderen Naturzellulosefasern und Mischungen daraus sowie daraus gewonnene Textilien

Title (fr)

Procédé d'impression sur des produits textiles en coton, autres fibres naturelles de cellulose et de leurs mélanges, et produits textiles ainsi obtenus

Publication

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Application

**EP 07116695 A 20070918**

Priority

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Abstract (en)

The process according to the invention consists in applying a printing paste containing high concentrations of strong alkali and moisture conditioning agents on a substrate in cotton or other natural cellulosic fibers and mixed thereof. The paste is applied through a printing matrix on which there is formed a certain pattern, and the substrate immediately undergoes a drying step at medium-low temperature and a steaming step, whereby the printing pattern becomes reproduced on the textile substrate by mercerized areas (due to the strong alkali) and non mercerized areas separated by well defined and clear borders.

IPC 8 full level

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Citation (search report)

- [X] DE 1086209 B 19600804 - BASF AG
- [X] DE 3235348 A1 19840329 - HOECHST AG [DE]

Cited by

CN103821013A; US8719962B1; US10793984B2

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