

Title (en)

Ink-jet printing process, ink set for use in such process, and processed article obtained thereby

Title (de)

Tintenstrahldruckverfahren, Tintensortiment zur Verwendung in einem solchen Verfahren und auf diese Weise erhaltener, gefertigter Artikel

Title (fr)

Procédé d'imprimer à jet d'encre, assortiment des encres pour utilisation en ce procédé et article traité obtenu par cela

Publication

EP 0621367 B9 20020502 (EN)

Application

EP 94106126 A 19940420

Priority

- JP 9420793 A 19930421
- JP 9420893 A 19930421

Abstract (en)

[origin: EP0621367A1] Disclosed herein is an ink-jet printing process comprising at least the steps of: (a) successively applying, as ink droplets, at least two inks of different colors to a cloth to form a color-mixed portion; (b) subjecting the cloth to a heat treatment to fix dyes contained in the inks to the cloth; and (c) washing the cloth to remove unfixed dyes from the cloth, wherein the inks comprise water, an organic solvent and individual reactive dyes different from each other in reaction rate, and the volume of a droplet of the ink containing a slower-reacting dye is made smaller upon the application of the inks.

IPC 1-7

D06P 1/38; **D06P 3/66**; **D06P 3/24**; **D06P 3/872**; **B41J 2/17**; **C09D 11/00**

IPC 8 full level

D06P 3/872 (2006.01); **D06P 5/30** (2006.01)

CPC (source: EP US)

D06P 5/30 (2013.01 - EP US); **B41M 5/0047** (2013.01 - EP US); **B41M 5/0064** (2013.01 - EP US)

Cited by

DE19916532A1; EP0805230A3; US6698879B1; US6394597B1; US6336721B1; WO9829513A1; WO0157308A3

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