

Title (en)

Process for level dyeing of textiles by heat transfer.

Title (de)

Verfahren zum Egalfärben von Textilien durch Wärmeübertragung.

Title (fr)

Procédé de teinture égale de textiles par transfert de chaleur.

Publication

**EP 0066634 A1 19821215 (EN)**

Application

**EP 81104354 A 19810605**

Priority

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Abstract (en)

A process is provided wherein film (e.g. polyester) which has been dyed by at least one disperse dye, is contacted with textile material in the presence of sufficient heat to cause the dye to sublime or vaporize and transfer some of the dye from the film to the textile material, thereby effecting level dyeing of the textile material. Both the film and textile material have affinity for the dye, and softening points which are higher, and glass transition temperatures which are lower, than the temperature needed to effect sublimation or vaporization and transfer of the dye. Also a process is provided wherein film is continuously dyed with at least one disperse dye and thereafter continuously contacted with a textile material at elevated temperature so as to sublime or vaporize the dye and transfer dye from the film to the textile material.

IPC 1-7

**D06P 5/00**; **D06B 11/00**; **B41M 5/02**

IPC 8 full level

**D06B 11/00** (2006.01); **D06P 5/28** (2006.01)

CPC (source: EP)

**D06B 11/0076** (2013.01); **D06P 5/004** (2013.01)

Citation (search report)

- US 2606854 A 19520812 - JOHN ALLAN, et al
- [X] GB 1512368 A 19780601 - TROYFILL LTD
- GB 1499953 A 19780201 - STORK BRABANT BV
- [X] CH 571614 B5 19760115 - HEBERLEIN & CO AG
- EP 0028154 A1 19810506 - UNILEVER NV [NL]
- US 4163642 A 19790807 - BAUER JACKSON [US]
- CH 569141 B5 19751114 - HEBERLEIN & CO AG
- US 4166822 A 19790904 - HOHMANN WALTER [DE], et al
- GB 1565047 A 19800416 - GLOVER R D
- [X] GB 1432197 A 19760414 - TROYDALE IND LTD
- DERWENT JAPANESE PATENTS REPORT, volume 4, nr. 30, 1964, Part 2, page 3 & JP 40015873 B (KURAMO SPINNING)

Cited by

US10174454B2; US10351995B2; EP1855638B1

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