

Title (en)

PROCESS FOR DYEING A CONTINUOUS POLYMERIC FLEXIBLE SUBSTRATE AND PRODUCTS PRODUCED FROM SAID PROCESS

Publication

EP 0181369 B1 19881026 (EN)

Application

EP 85902282 A 19850415

Priority

US 60915884 A 19840511

Abstract (en)

[origin: WO8505324A1] The process for dyeing a continuous polymeric flexible substrate (12) such as a film, uses a strip of transfer paper (18) having sublimable dyes deposited on one surface. The substrate (12) and transfer paper (18) are fed simultaneously into a heat transfer apparatus (10) comprised of a heating means (30) and substrate retaining means (32). The layers are fed into the apparatus (10) so the uncoated side of the transfer paper (18) is proximate the heating means (30) and substrate is proximate the retaining means (32). The layers are held against the heating means (30) while sufficient heat is applied to the transfer paper (18) to cause the dye to sublime from the paper (18) and diffuse into the interstices of the substrate (12).

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