

Title (en)

WATERLESS DIP DYE COMPOSITION AND METHOD OF USE THEREOF FOR SYNTHETIC ARTICLES.

Title (de)

WASSERFREIE TAUCHFÄRBEBADZUSAMMENSETZUNG UND VERFAHREN ZU DEREN ANWENDUNG FÜR SYNTHETISCHE ARTIKEL.

Title (fr)

COMPOSITION ANHYDRE DE TEINTURE PAR IMMERSION ET SON PROCEDE D'UTILISATION POUR LE TRAITEMENT D'ARTICLES SYNTHETIQUES.

Publication

**EP 0126752 A4 19850916 (EN)**

Application

**EP 83903879 A 19831110**

Priority

US 44056782 A 19821110

Abstract (en)

[origin: WO8401971A1] A waterless dip dye composition for non-textile and general-utility articles comprises an aromatic ester of the formula  $\text{ArCOOR}_2$ ,  $\text{ArCOO-R}_1\text{-OOCAr}$  or  $(\text{ArCOO})_z\text{-R}_3$ , wherein  $\text{R}_1$  is alkylene of 2-8 carbon atoms or polyoxyalkylene of the formula  $-\text{CrH}_2\text{r}(\text{OCrH}_2\text{r})_s$ , in which  $r$  is 2 or 3 and  $s$  is 1 to 15;  $\text{R}_2$  is substituted or unsubstituted alkyl or alkenyl of 8-30 carbon atoms;  $\text{R}_3$  is the residue of a polyhydric alcohol having  $z$  hydroxyl groups;  $\text{Ar}$  is substituted or unsubstituted mono- or bicyclic aryl of up to 15 carbon atoms and  $z$  is 3-6, admixed with at least 0.5% by weight of a dyeing assistant agent and an organic colorant. A process for coloring non-textile and general-utility articles, fabricated from polyester, polyamide, polyurethane, acrylic, halogenated polyolefin or epoxy plastic, comprises exposing an article to the foregoing compositions, maintained at a temperature from about 100°C to the temperature at which the plastic degrades, for a time adequate to achieve the desired degree of coloration.

IPC 1-7

**D06P 5/00**; **D06P 3/52**

IPC 8 full level

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Citation (search report)

- [X] FR 81369 E 19630913 - HOECHST AG
- [XP] FR 2522699 A1 19830909 - SANDOZ SA [CH]
- [A] GB 1327699 A 19730822 - THAELMANN SCHWERMASCHBAU VEB

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