

Title (en)

PROCESS FOR THE ONE-BATH DYEING AND FOR IMPACTING FLAME RESISTANCE TO PLANE TEXTILE MATERIALS

Publication

EP 0445709 A3 19920226 (DE)

Application

EP 91103257 A 19910305

Priority

DE 4007299 A 19900308

Abstract (en)

[origin: EP0445709A2] A process for dyeing and simultaneously imparting flame resistance to sheet-like textile materials made of polyester fibres by padding or printing of the textile material with a dyestuff preparation, complete or partial drying of the treated textile material and subsequent heat treatment is described, in which a dyestuff preparation is employed which contains one or more disperse dyestuffs, one or more flame retardants based on halogen-free phosphoric acid and/or phosphonic acid derivatives and optionally thickeners and/or foaming agents. Thermosol dyestuffs are employed as the disperse dyestuffs.

IPC 1-7

D06P 1/667; **D06P 1/16**; **D06P 3/54**

IPC 8 full level

C09K 21/04 (2006.01); **C09K 21/12** (2006.01); **D06P 1/16** (2006.01); **D06P 1/44** (2006.01); **D06P 1/667** (2006.01); **D06P 3/36** (2006.01); **D06P 3/54** (2006.01)

CPC (source: EP US)

D06P 1/16 (2013.01 - EP US); **D06P 1/667** (2013.01 - EP US); **D06P 3/54** (2013.01 - EP US); **Y10S 8/922** (2013.01 - US)

Citation (search report)

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- [A] DE 1021826 B 19580102 - HOECHST AG
- [XD] MARK H.F., OTHMER D.F., OVERBERGER C.G., SEABORGG.T. 'Kirk-Othmer Encyclopedia of Chemical Technology, Vol. 10' & SONS , NEW-YORK, US

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EP 0445709 A2 19910911; **EP 0445709 A3 19920226**; AU 637464 B2 19930527; AU 7271391 A 19910912; DE 4007299 A1 19910912; IE 910758 A1 19910911; JP H04214477 A 19920805; PT 96963 A 19911231; US 5224966 A 19930706

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EP 91103257 A 19910305; AU 7271391 A 19910307; DE 4007299 A 19900308; IE 75891 A 19910307; JP 4341491 A 19910308; PT 9696391 A 19910307; US 66536491 A 19910306