

Title (en)  
Process for colouring a glass fiber mat

Title (de)  
Verfahren zum Färben eines Glasfaservlieses

Title (fr)  
Procédé de coloration d'un mat de fibres de verre

Publication  
**EP 1790491 A3 20070926 (DE)**

Application  
**EP 06022105 A 20061021**

Priority  
DE 102005056150 A 20051123

Abstract (en)  
[origin: EP1790491A2] Dyeing a glass fiber nonwoven fabric involves applying a disperse dye to a surface of the glass fiber nonwoven fabric and applying heat to convert the dye to at least one of a gaseous state and an aerosol. The dye at least partially penetrates the interior volume of the glass fiber nonwoven fabric and reactively bonds with the material of the glass fiber nonwoven fabric. The method optionally involves applying the disperse dye to an intermediate support; and placing the support proximate to the surface of the glass fiber nonwoven fabric.

IPC 8 full level  
**D06P 3/80** (2006.01); **B41M 5/035** (2006.01)

CPC (source: EP US)  
**D04H 1/4218** (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US)

Citation (search report)

- [X] DE 2554923 A1 19770616 - BAYER AG
- [A] EP 0097528 A2 19840104 - HLH CORP [US]
- [A] DE 1769601 A1 19710701 - CIBA GEIGY AG
- [A] GB 2236710 A 19910417 - SAMOWICH JOSEPH J
- [A] DE 2651392 A1 19780518 - MOBAY CHEMICAL CORP, et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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US 2007113357 A1 20070524

DOCDB simple family (application)  
**EP 06022105 A 20061021**; CA 2568250 A 20061115; DE 102005056150 A 20051123; US 60207706 A 20061120