

## Title (en)

CHEMICAL COMPOUNDS AND METHODS FOR REMOVING DYE

## Title (de)

CHEMISCHE VERBINDUNGEN UND METHODEN ZUR ENTFERNUNG VON FARBSTOFF

## Title (fr)

COMPOSES CHIMIQUES ET PROCEDES PERMETTANT DE SUPPRIMER LA TEINTE

## Publication

**EP 1476600 A4 20070328 (EN)**

## Application

**EP 03706030 A 20030131**

## Priority

- US 0303046 W 20030131
- US 35331102 P 20020201

## Abstract (en)

[origin: WO03064752A1] Chemical compounds and methods for removing dye from polyester fibers, in particular poly(ethylene terephthalate) ("PET") fibers, is disclosed. The compounds and methods are particularly useful for removing dye from panel fabric made from recycled PET fibers. The method involves contacting the PET with a dye removal compound in a sealable vessel. The contents of the vessel are agitated and heated to achieve an increase in pressure and temperature. Following a cooling down period, the PET is removed and rinsed with water. The dye removal compound includes an aqueous solution of at least one leveling agent.

## IPC 8 full level

**D06L 3/00** (2006.01); **B29B 17/02** (2006.01); **C08J 11/06** (2006.01); **C09B 67/00** (2006.01); **C09K 23/00** (2022.01); **D06M 10/00** (2006.01); **D06P 5/13** (2006.01); **D21C 5/02** (2006.01); **D06P 1/613** (2006.01); **D06P 1/649** (2006.01); **D06P 1/651** (2006.01); **D06P 3/52** (2006.01)

## CPC (source: EP US)

**B29B 17/02** (2013.01 - EP US); **C08J 11/06** (2013.01 - EP US); **C09K 23/00** (2022.01 - EP US); **C09K 23/42** (2022.01 - EP US); **D06P 5/137** (2013.01 - EP US); **B29B 2017/0293** (2013.01 - EP US); **B29K 2067/00** (2013.01 - EP US); **B29L 2031/731** (2013.01 - EP US); **C08J 2367/02** (2013.01 - EP US); **D06P 1/6138** (2013.01 - EP US); **D06P 1/6498** (2013.01 - EP US); **D06P 1/65118** (2013.01 - EP US); **D06P 1/65131** (2013.01 - EP US); **D06P 3/52** (2013.01 - EP US); **Y02W 30/62** (2015.05 - EP US)

## Citation (search report)

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- See also references of WO 03064752A1

## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

## DOCDB simple family (publication)

**WO 03064752 A1 20030807**; BR 0302963 A 20040803; CA 2476774 A1 20030807; EP 1476600 A1 20041117; EP 1476600 A4 20070328; US 2005198742 A1 20050915

## DOCDB simple family (application)

**US 0303046 W 20030131**; BR 0302963 A 20030131; CA 2476774 A 20030131; EP 03706030 A 20030131; US 50524804 A 20040820