

Title (en)

Washing-off agent composition for dyed cellulose fiber articles.

Title (de)

Zusammensetzung zum Auswaschen von gefärbten Artikeln aus Zellulosefasern.

Title (fr)

Composition de lavage pour articles en fibre de cellulose teints.

Publication

EP 0422683 A1 19910417 (EN)

Application

EP 90119631 A 19901012

Priority

JP 26501189 A 19891013

Abstract (en)

Washing-off agent composition for dyed cellulose fiber articles comprising an effective amount of a polyoxyalkylene derivative of organic amine (poly (1 to 5) alkylene (C2 to C6) polyamine alkyleneoxide adducts which may contain alkyl (or alkenyl) groups, aromatic amine alkyleneoxide adducts or nitrogen-containing derivatives of high polymer) as an essential ingredient reduces or shortens the washing-off steps for reactive dyes with improved fastness of color for any kind of reactive dyes. Presence of a water-soluble high polymer having a carboxylic group and/or an anionic surfactant promotes removal of unfixed and hydrolyzed dyes from dyed articles to improve fastness of color.

IPC 1-7

D06P 1/48; **D06P 1/52**; **D06P 1/607**; **D06P 1/62**; **D06P 1/667**; **D06P 5/06**; **D06P 5/08**

IPC 8 full level

C11D 7/32 (2006.01); **D06P 1/48** (2006.01); **D06P 1/52** (2006.01); **D06P 1/607** (2006.01); **D06P 1/62** (2006.01); **D06P 1/667** (2006.01); **D06P 5/06** (2006.01); **D06P 5/08** (2006.01)

CPC (source: EP)

D06P 1/48 (2013.01); **D06P 1/5257** (2013.01); **D06P 1/6076** (2013.01); **D06P 1/622** (2013.01); **D06P 1/667** (2013.01); **D06P 5/06** (2013.01); **D06P 5/08** (2013.01)

Citation (search report)

- [A] DE 2843645 A1 19800417 - BASF AG
- [A] GB 762510 A 19561128 - CIBA LTD
- [AD] DATABASE WPIL, no 87-059061, Derwent Publ. Ltd, & JP-A-61215769 (KAO CORP) 25-09-1986 * Whole abstract
- [AD] DATABASE WPIL, no 81-52379D, Derwent Publ. Ltd, & JP-A-56063081 (ASAHI DENKA KOGYO) 29-05-1981 * Whole abstract
- [AD] DATABASE WPIL, no 86-322487, Derwent Publ. Ltd, & JP-A-61239090 (KAO CORP) 24-10-1986 * Whole abstract
- [AD] DATABASE WPIL, no 88-195965, Derwent Publ. Ltd, & JP-A-63135581 (NIPPON SENKA KOGYO) 07-06-1988 * Whole abstract
- [AD] DATABASE WPIL, no 88-240282, Derwent Publ. Ltd, & JP-A-63175184 (IPPOSHA YUSHI KOGYO) 19-07-1988 * Whole abstract

Cited by

EP0665322A3; CN103388269A; US5851236A; US5885306A; EP0824155A1; CN112796129A; EP0790348A1; CN102454126A; WO2005066414A3; WO0131116A1; WO2022190131A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0422683 A1 19910417; JP H03130480 A 19910604

DOCDB simple family (application)

EP 90119631 A 19901012; JP 26501189 A 19891013