

Title (en)

Method of cleaning carpets and the use of a composition.

Title (de)

Verfahren zum Reinigen von Teppichen und die Verwendung einer Zusammensetzung.

Title (fr)

Procédé de nettoyer des tapis et l'application d'une composition.

Publication

EP 0346835 A2 19891220 (EN)

Application

EP 89110696 A 19890613

Priority

US 20653188 A 19880614

Abstract (en)

An aqueous cleaning composition suitable for removing stains, soils, or combinations thereof from synthetic polymer fibers. The composition finds particular application in removing coffee stains from fibers contained in textile products such as carpets. The composition has a pH in the range of from about 7.0 to about 12 and comprises a peroxyhydrate, i.e., hydrogen peroxide, and a water soluble alcohol having up to 5 carbon atoms, i.e., isopropyl.

IPC 1-7

C11D 3/00; **C11D 7/06**; **C11D 7/38**; **C11D 7/50**

IPC 8 full level

C11D 7/60 (2006.01); **C11D 3/00** (2006.01); **C11D 3/39** (2006.01); **C11D 7/50** (2006.01)

CPC (source: EP)

C11D 3/0031 (2013.01); **C11D 3/3947** (2013.01); **C11D 7/5022** (2013.01)

Cited by

EP0629694A1; US6008175A; US5905065A; EP0839900A1; US5928384A; DE4430391A1; FR2683541A1; EP0570775A3; US5522580A; FR2683540A1; AU688356B2; US5259848A; EP0581853A4; US6300299B1; US8778386B2; WO9745519A3; WO9615308A1; WO9817771A1; WO9929590A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0346835 A2 19891220; **EP 0346835 A3 19901017**; **EP 0346835 B1 19941207**; AT E115179 T1 19941215; AU 3630789 A 19891221; AU 611808 B2 19910620; CA 1327503 C 19940308; DE 68919755 D1 19950119; DE 68919755 T2 19950427; HK 1004756 A1 19981204; JP 2653699 B2 19970917; JP H0234698 A 19900205

DOCDB simple family (application)

EP 89110696 A 19890613; AT 89110696 T 19890613; AU 3630789 A 19890613; CA 602010 A 19890607; DE 68919755 T 19890613; HK 98103982 A 19980508; JP 15035189 A 19890613