

Title (en)

METHOD FOR REMOVING STAINS FROM FABRICS AND PRODUCT TO CARRY OUT THIS METHOD

Publication

**EP 0336310 A3 19910227 (DE)**

Application

**EP 89105684 A 19890331**

Priority

DE 3811360 A 19880402

Abstract (en)

[origin: EP0336310A2] The removal of stains from fabrics is difficult because of the different chemical composition of staining substances, which extends from plant juices to coloured pastes, for example ballpoint paste. To date, stain removers suited to the particular staining substance have been employed both domestically and in commercial cleaning. Since the customary stain removers contain volatile, often flammable solvents, a possibility for long action times, which in conjunction with water brings about reliable washing out of the coloured pigments, has been achieved by treatment with stain removing components which do not contain volatile solvents.

IPC 1-7

**C11D 3/43**; C11D 1/94; C11D 1/65

IPC 8 full level

**C11D 1/65** (2006.01); **C11D 1/90** (2006.01); **C11D 1/94** (2006.01); **C11D 3/20** (2006.01); **C11D 3/43** (2006.01); **C11D 1/22** (2006.01); **C11D 1/52** (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] EP 0051232 A1 19820512 - HENKEL KGAA [DE]
- [A] US 4673524 A 19870616 - DEAN RALPH R [US]
- [A] US 3923701 A 19751202 - RUTHERFORD KENNETH G, et al

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US6444627B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0336310 A2 19891011**; **EP 0336310 A3 19910227**; **EP 0336310 B1 19960717**; AT E140477 T1 19960815; DE 3811360 A1 19891012; DE 3811360 C2 19920806; DE 58909701 D1 19960822

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