

Title (en)

Article for cleaning surfaces

Title (de)

Gegenstand zum Reinigen von Oberflächen

Title (fr)

Article pour le nettoyage de surfaces

Publication

**EP 0938862 A3 20031105 (DE)**

Application

**EP 99103718 A 19990225**

Priority

DE 19808054 A 19980226

Abstract (en)

[origin: EP0938862A2] The object (I) for the cleaning of surfaces comprises a support and a cleaning layer on at least a portion of one of the surfaces of the support. The cleaning layer is a polymer layer containing embedded polymer particles (II) having a Shore D hardness of no more than 80. Independent claims are included for: (i) the production of (I) by application of a polymer dispersion containing particles (II) onto at least a portion of the surface of the support and drying and fixing the dried polymer dispersion onto the support; and (ii) a composition comprising a polymer dispersion and particles (II), preferably for the production of (I).

IPC 1-7

**A47L 1/15; A47L 13/16**

IPC 8 full level

**A47L 1/15** (2006.01); **A47L 13/16** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

**A47L 1/15** (2013.01); **A47L 13/16** (2013.01); **C11D 17/049** (2013.01)

Citation (search report)

- [XY] US 5213588 A 19930525 - WONG ARTHUR [US], et al
- [Y] EP 0451944 A2 19911016 - MINNESOTA MINING & MFG [US]
- [Y] DE 2656968 A1 19780622 - HOECHST AG
- [A] DE 1822244 U 19601124 - HENKEL & CIE GMBH [DE]
- [A] US 4512677 A 19850423 - TRINH TOAN [US]
- [A] EP 0063472 A2 19821027 - ALCON LAB INC [US]

Cited by

US7867971B2; DE102005010595A1; US8671503B2; WO2006018058A1; WO2010118320A3; US8258066B2; WO2007070520A1;  
WO2006005925A3

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