

Title (en)

Use of a carboxylic or amino compound as cleaning aid for hard surfaces and method of cleaning such hard surfaces

Title (de)

Verwendung einer Carboxyl- oder Aminoverbindung als Reinigungshilfe für harte Flächen und Verfahren zur Reinigung von harten Flächen

Title (fr)

Utilisation d'un composé carboxylique ou amino en tant qu'aide au nettoyage pour les surfaces dures et procédé de nettoyage desdites surfaces dures

Publication

**EP 2305785 A1 20110406 (EN)**

Application

**EP 09172116 A 20091002**

Priority

EP 09172116 A 20091002

Abstract (en)

The present invention relates to hard surface cleaning, and has as an object to provide a next time cleaning benefit. The invention provides the use of specific carboxylic or amino compounds for facilitating the removal of soil, in particular fatty soil, from a hard surface. The present invention further relates to a method for removing soil or stains from a hard surface. The method comprises the sequential steps of: treating the surface with a composition comprising at least one carboxylic or amino compound according to the current invention at a concentration of between 0.05 % and 10 % by weight; allowing the soil or stain to deposit and toughen; and cleaning the surface to remove the soil or stains.

IPC 8 full level

**C11D 3/20** (2006.01); **C11D 3/33** (2006.01); **C11D 3/34** (2006.01)

CPC (source: EP)

**C11D 3/0036** (2013.01); **C11D 3/2086** (2013.01); **C11D 3/33** (2013.01); **C11D 3/349** (2013.01); **C11D 3/3427** (2013.01); **C11D 3/3472** (2013.01); **C11D 2111/14** (2024.01)

Citation (applicant)

- WO 0218531 A1 20020307 - UNILEVER NV [NL], et al
- WO 03007289 A1 20030123 - SANYO ELECTRIC CO [JP], et al
- WO 2006108475 A1 20061019 - UNILEVER NV [NL], et al
- GB 458163 A 19361214 - HENKEL & CIE GMBH
- DE 2014883 A1 19701001
- US 5877132 A 19990302 - CALLAGHAN IAN C [GB], et al
- DE 1942236 A1 19710304 - HENKEL & CIE GMBH
- WO 9503389 A1 19950202 - HENKEL KGAA [DE], et al
- WO 9429420 A1 19941222 - HENKEL KGAA [DE], et al

Citation (search report)

- [XI] US 2004023824 A1 20040205 - ZUEECHNER LARS [DE], et al
- [ID] WO 0218531 A1 20020307 - UNILEVER NV [NL], et al
- [A] EP 0908511 A1 19990414 - PROCTER & GAMBLE [US]
- [AD] WO 2006108475 A1 20061019 - UNILEVER NV [NL], et al
- [AD] US 5877132 A 19990302 - CALLAGHAN IAN C [GB], et al

Cited by

CN104903433A; CN106536700A; CN106414694A; JP2017145408A; CN107530637A; EP3299081A4; US2018127683A1; JP2019531375A; JP2022097586A; US11370997B2; WO2015193206A1; WO2015193205A1; WO2014095617A1; WO2018039603A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2305785 A1 20110406**

DOCDB simple family (application)

**EP 09172116 A 20091002**