

Title (en)

METHOD OF CLEANING PAINTED HARD SURFACES WITH LOW VOC CLEANING COMPOSITIONS

Title (de)

VERFAHREN ZUR REINIGUNG GESTRICHENER HARTER OBERFLAECHEEN MIT REINIGUNGSMITTELN, DIE WENIG FLUECHTIGE ORGANISCHE VERBINDUNGEN ENTHALTEN

Title (fr)

PROCEDE DE NETTOYAGE DE SURFACES DURES PEINTES AVEC UNE COMPOSITION NETTOYANTE DE FAIBLE VOLATILITE

Publication

**EP 0580721 B1 19970212 (EN)**

Application

**EP 92909867 A 19920406**

Priority

- US 68324091 A 19910410
- US 9202760 W 19920406

Abstract (en)

[origin: WO9218600A1] A method of removing residue from hard surfaces utilizes an oil-in-water microemulsion by applying to such surfaces an effective amount of a composition comprising an organic solvent or solvent blend having a solubility parameter of between about 6.9 and 8.9 (cal/cm<sup>3</sup>)<sup>1/2</sup>, sufficient surfactant to support a stable microemulsion, and water in an amount sufficient to provide a total VOC content of less than 200 grams/liter. The microemulsion is allowed to soften and otherwise ease removal of the silicone wax, grease, grime, and the like from the surface. The microemulsion and the residue to be cleaned from the surface are removed from the surface by wiping with a dry wiping material. Compositions are also provided.

IPC 1-7

**C11D 3/43**; **C23G 5/06**

IPC 8 full level

**C11D 1/75** (2006.01); **C11D 1/825** (2006.01); **C11D 1/83** (2006.01); **C11D 1/835** (2006.01); **C11D 3/43** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01); **C23G 5/032** (2006.01); **C23G 5/06** (2006.01); **C11D 1/02** (2006.01); **C11D 1/38** (2006.01); **C11D 1/62** (2006.01); **C11D 1/72** (2006.01); **C11D 1/88** (2006.01)

CPC (source: EP)

**C11D 1/825** (2013.01); **C11D 1/83** (2013.01); **C11D 1/835** (2013.01); **C11D 3/43** (2013.01); **C11D 17/0021** (2013.01); **C23G 5/06** (2013.01); **C11D 1/02** (2013.01); **C11D 1/38** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01); **C11D 1/75** (2013.01); **C11D 1/88** (2013.01)

Cited by

CN114164434A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 9218600 A1 19921029**; CA 2107579 A1 19921011; DE 69217486 D1 19970327; DE 69217486 T2 19970710; EP 0580721 A1 19940202; EP 0580721 B1 19970212; JP H06506496 A 19940721

DOCDB simple family (application)

**US 9202760 W 19920406**; CA 2107579 A 19920406; DE 69217486 T 19920406; EP 92909867 A 19920406; JP 50909892 A 19920406