

Title (en)

Aqueous cleaning concentrates for rough preferably profiled tiles and plates

Title (de)

Wässrige Reinigungsmittelkonzentrate für rauе, insbesondere profilierte Fliesen und Platten

Title (fr)

Produits de nettoyage concentrés aqueux pour carreaux et plaques rugueux de préférence profilés

Publication

EP 1619237 B1 20070919 (DE)

Application

EP 05014931 A 20050709

Priority

DE 102004036067 A 20040724

Abstract (en)

[origin: EP1619237A1] Aqueous cleaning agent concentrate (A), for rough surfaces (preferably molded tiles and plates), based on non ionic, anionic, amphoteric surfactant and optionally under the use of usual auxiliary materials and additives, comprises at least a sorbitan ester (I) as cleaning amplifiers. Aqueous cleaning agent concentrate (A), for rough surfaces (preferably molded tiles and plates), based on non-ionic, anionic, amphoteric surfactant and optionally under the use of usual auxiliary materials and additives, comprises at least a sorbitan ester of formula (I) as cleaning amplifiers. R : optionally branched and substituted and/or hetero atom containing optionally saturated 6-22C acyl; R 1>, R 2>H or R; Alk : ethylene-, i-propylene- or butylene-; and a-c : 0-25 (where the sum of a+b+c is between 0-25). [Image].

IPC 8 full level

C11D 1/94 (2006.01); **C11D 1/83** (2006.01)

CPC (source: EP US)

C11D 1/83 (2013.01 - EP US); **C11D 1/94** (2013.01 - EP US); **C11D 1/667** (2013.01 - EP US); **C11D 1/74** (2013.01 - EP US);
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DOCDB simple family (publication)

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ES 2292016 T3 20080301; JP 2006037102 A 20060209; JP 4889255 B2 20120307; US 2006019864 A1 20060126; US 7588647 B2 20090915

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