

Title (en)
Hard surface cleaning composition

Title (de)
Reinigungszusammensetzung für harte Oberflächen

Title (fr)
Composition de nettoyage de surfaces dures

Publication
EP 2853583 A1 20150401 (EN)

Application
EP 14186674 A 20140926

Priority
US 201314039731 A 20130927

Abstract (en)
A hard surface cleaning solution having improved cleaning and descaling properties. The cleaning solution includes the following components: a first organic acid, a second organic acid, a surfactant, a solvent and a diluent. The first organic acid is a carboxylic acid, preferably lactic acid, while the second organic acid is also a carboxylic acid, preferably gluconic acid. The surfactant is selected from the group consisting of amine oxides, preferably lauramine oxide. The solvent may be an alkoxylated alcohol, preferably selected from the propylene glycol ether class of compounds.

IPC 8 full level
C11D 1/75 (2006.01); **C11D 3/20** (2006.01); **C11D 3/43** (2006.01)

CPC (source: EP)
C11D 1/75 (2013.01); **C11D 3/2068** (2013.01); **C11D 3/2079** (2013.01); **C11D 3/2086** (2013.01); **C11D 3/43** (2013.01)

Citation (search report)

- [X] WO 2012065093 A1 20120518 - GAUDREAU ROSEMARY [US], et al
- [A] US 5925606 A 19990720 - STAMM CHARLES L [US]
- [A] US 2005239676 A1 20051027 - GAUDREAU ROSEMARY A [US]

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EP3118300A1; US11781093B2; WO2019158814A1; US11072768B2

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EP 2853583 A1 20150401; EP 2853583 B1 20180606; AU 2014233608 A1 20150416; AU 2014233608 B2 20180712; CA 2865342 A1 20150327; CA 2865342 C 20211012; CO 7170026 A1 20150128; IN 8027DEN2014 A 20150501; NZ 700468 A 20170127

DOCDB simple family (application)
EP 14186674 A 20140926; AU 2014233608 A 20140926; CA 2865342 A 20140926; CO 14213818 A 20140926; IN 8027DEN2014 A 20140925; NZ 70046814 A 20140926