

Title (en)  
HARD SURFACE TREATMENT COMPOSITION

Title (de)  
ZUSAMMENSETZUNG ZUR BEHANDLUNG HARTER OBERFLÄCHEN

Title (fr)  
COMPOSITION DE TRAITEMENT DE SURFACE DURE

Publication  
**EP 2702129 B1 20150107 (EN)**

Application  
**EP 12711656 A 20120403**

Priority

- IN 1293MU2011 A 20110425
- EP 11170338 A 20110617
- IN 3274MU2011 A 20111122
- EP 2012056036 W 20120403
- EP 12711656 A 20120403

Abstract (en)  
[origin: WO2012146464A1] The present invention is in the field of hard surface treatment compositions. The invention particularly relates to hard surface treatment compositions that provide easier cleaning upon the subsequent cleaning. It is an object of the present invention to provide a composition that, upon use, renders a surface hydrophobic and to provide good cleaning. It has been found that poly aluminium chloride and a soap in combination with a poly vinyl alcohol and non-ionic or cationic surfactant provides both good cleaning and good stain/soil repellence.

IPC 8 full level  
**C11D 3/02** (2006.01); **C11D 3/04** (2006.01); **C11D 3/37** (2006.01); **C11D 10/04** (2006.01)

CPC (source: EP)  
**C11D 3/044** (2013.01); **C11D 3/373** (2013.01); **C11D 3/3753** (2013.01); **C11D 10/045** (2013.01); **C11D 10/047** (2013.01); **C11D 17/0013** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01)

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012146464 A1 20121101**; AR 086479 A1 20131218; CN 103492544 A 20140101; CN 103492544 B 20150527; EA 024738 B1 20161031; EA 201301192 A1 20140630; EP 2702129 A1 20140305; EP 2702129 B1 20150107; ES 2535020 T3 20150504; PL 2702129 T3 20150630; ZA 201307836 B 20150128

DOCDB simple family (application)  
**EP 2012056036 W 20120403**; AR P120101387 A 20120423; CN 201280020247 A 20120403; EA 201301192 A 20120403; EP 12711656 A 20120403; ES 12711656 T 20120403; PL 12711656 T 20120403; ZA 201307836 A 20131021