

Title (en)
CLEANING PRODUCT

Title (de)
REINIGUNGSMITTEL

Title (fr)
DÉTERGENT

Publication
EP 3567094 A1 20191113 (DE)

Application
EP 19181847 A 20071205

Priority

- DE 102007006630 A 20070206
- EP 07847824 A 20071205
- EP 2007063327 W 20071205

Abstract (en)
[origin: WO2008095561A2] The invention relates to phosphate-free dishwasher detergents which contain a builder, bleaching agents, a nonionic surfactant, and also a) a copolymer comprising i) sulfonic acid group-containing monomers, ii) further ionic and/or nonionogenic monomers, b) phosphonate. The detergents according to the invention have good scale-inhibiting, cleaning and rinsing results which are comparable to those of phosphate-containing dishwasher detergents or even outdo them.

Abstract (de)
Phosphatfreie maschinelle Geschirrspülmittel, enthaltend Gerüststoff, Bleichmittel, nichtionisches Tensid, sowie weiterhin Copolymer umfassende Sulfonsäuregruppen-haltigen Monomerenii) weiteren ionischen und/oder nichtionogenen Monomerenb) Phosphonatzeichnen sich durch Belagsinhibierungs-, Reinigungs- und Klarspülergebnisse aus, die denen phosphathaltiger maschineller Geschirrspülmittel vergleichbar sind oder diese sogar übertreffen.

IPC 8 full level
C11D 3/36 (2006.01); **C11D 1/66** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01)

CPC (source: EP US)
C11D 3/2086 (2013.01 - EP US); **C11D 3/361** (2013.01 - EP US); **C11D 3/378** (2013.01 - EP US)

Citation (applicant)

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- EP 0692020 A1 19960117 - HENKEL KGAA [DE]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007006630 A1 20080807; DE 202007019720 U1 20170607; EP 2115112 A2 20091111; EP 2115112 B1 20190703;
EP 3567094 A1 20191113; ES 2743235 T3 20200218; PL 2115112 T3 20191231; US 2010029536 A1 20100204; US 7879154 B2 20110201;
WO 2008095561 A2 20080814; WO 2008095561 A3 20081009

DOCDB simple family (application)
DE 102007006630 A 20070206; DE 202007019720 U 20071205; EP 07847824 A 20071205; EP 19181847 A 20071205;
EP 2007063327 W 20071205; ES 07847824 T 20071205; PL 07847824 T 20071205; US 53595609 A 20090805