

Title (en)

WASHING OR CLEANING AGENT WITH AMIDINE COMPOUNDS AND/OR AMIDINIUM BICARBONATES

Title (de)

WASCH- ODER REINIGUNGSMITTEL MIT AMIDINVERBINDUNGEN UND/ODER AMIDINIUMBICARBONATEN

Title (fr)

DÉTERGENTS OU NETTOYANTS RENFERMANT DES COMPOSÉS D'AMIDINE ET/OU DES BICARBONATES D'AMIDINIUM

Publication

EP 2215198 A2 20100811 (DE)

Application

EP 08805063 A 20081006

Priority

- EP 2008063314 W 20081006
- DE 102007058846 A 20071205

Abstract (en)

[origin: WO2009071356A2] Washing and cleaning agents are described, which contain a specific amidine compound and/or a specific amidinium bicarbonate. These washing or cleaning agents enable an improved removal of contaminants in the case of pigment contamination and fat and oil soiling. The use of special amidine compounds and amidinium bicarbonate in a washing solvent is also described, which enables carbon dioxide from the ambient air to bind in the washing solvent.

IPC 8 full level

C11D 1/40 (2006.01); **C11D 3/30** (2006.01)

CPC (source: EP US)

C11D 1/40 (2013.01 - EP US); **C11D 1/65** (2013.01 - EP US); **C11D 3/30** (2013.01 - EP US); **C11D 3/386** (2013.01 - EP US); **C11D 17/0086** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (search report)

See references of WO 2009071356A2

Citation (examination)

- WO 0119507 A1 20010322 - STEPAN CO [US], et al
- US 6759380 B2 20040706 - SINGH AMRAT PAUL [GB], et al
- LIU Y ET AL: "Switchable surfactants", SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 313, no. 5789, 18 August 2006 (2006-08-18), pages 958 - 960, XP002498570, ISSN: 0036-8075, DOI: 10.1126/SCIENCE.1128142

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

DE 102007058846 A 20071205; EP 08805063 A 20081006; EP 2008063314 W 20081006; US 79400510 A 20100604