

Title (en)
Stable aqueous esterquat compositions

Title (de)
Stabile wässrige Esterquat-Zusammensetzungen

Title (fr)
Composés quaternaires d'esters aqueuses stables

Publication
EP 1806392 B1 20081224 (EN)

Application
EP 06013688 A 20060701

Priority
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• EP 06013688 A 20060701

Abstract (en)
[origin: EP1806392A1] Aqueous compositions are claimed which contain an esterquat or mixtures thereof of the formula I wherein R is C 1 -C 4 -alkyl, preferably methyl, X has the same meaning as R or X is a group of the formula -C 2 H 4 OR 2 , R 1 and R 2 are independently hydrogen or a group -COR 3 , R 3 is C 7 -C 21 -alkyl or C 7 -C 21 -alkenyl and A is an anion, preferably chloride or methosulfate, and a metal salt, which composition is free of alkali or alkaline earth metal salt. The addition of the metal salt, preferably zinc chloride, prevents hydrolysis of the esterquat.

IPC 8 full level
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CPC (source: EP)
C11D 1/62 (2013.01); **C11D 3/0015** (2013.01); **C11D 3/046** (2013.01)

Cited by
CN109208328A; CN104160008A; KR20140119709A; AU2013214283B2; RU2612130C2; WO2022148673A1; US10113137B2; EP3208315A1; WO2017140633A1; US10011806B2; WO2012063055A1; WO2020011876A1; US11773347B2; WO2013113453A1; WO2013113735A1; EP3208314A1; WO2017140630A1; EP3444036A1; WO2019034491A1; US11014096B2; US11168218B2

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