

Title (en)
DETERGENT COMPOSITIONS

Title (de)
WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)
COMPOSTIONS DETERGENTES

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Abstract (en)
[origin: WO9817777A1] The present invention relates to detergent compositions having a pH of at least 8.0 in a 0.5 % by weight aqueous solution or components thereof containing cationic surfactants of the formula: R<1>R<2>R<3>R<4>N<+> X<-> in which R<1> is a hydroxyalkyl group having no greater than 6 carbon atoms; each of R<2> and R<3> is independently selected from C1-4 alkyl or alkenyl; R<4> is one or mixtures of more than one of C5-11 alkyl or alkenyl; and X<-> is a counterion which does not substantially exchange with a hydroxide ion at 20 DEG C in a 0.5 % by weight solution of the detergent composition.

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IPC 8 full level
C11D 1/12 (2006.01); **C11D 1/22** (2006.01); **C11D 1/28** (2006.01); **C11D 1/62** (2006.01); **C11D 1/65** (2006.01); **C11D 1/66** (2006.01); **C11D 1/835** (2006.01); **C11D 1/86** (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01); **C11D 17/00** (2006.01); **C11D 1/14** (2006.01); **C11D 1/52** (2006.01); **C11D 1/72** (2006.01)

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Citation (search report)

- [X] US 4235759 A 19801125 - JOHNA NOBUO [JP], et al
- [PA] US 5622925 A 19970422 - DE BUZZACCARINI FRANCESCO [US], et al
- [PA] WO 9719155 A1 19970529 - PROCTER & GAMBLE [US], et al
- [A] EP 0495554 A1 19920722 - PROCTER & GAMBLE [US]
- [A] US 5466394 A 19951114 - DE BUZZACCARINI FRANCESCO [US], et al
- See references of WO 9817777A1

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