

Title (en)

DETERGENT COMPOSITION COMPRISING LIPASE ENZYME AND CATIONIC SURFACTANT

Title (de)

WASCHMITTELZUSAMMENSETZUNG ENTHALTEND EIN LIPASE ENZYM SOWIE EIN KATIONISCHES TENSID

Title (fr)

COMPOSITION DETERGENTE COMPRENANT UNE ENZYME LIPASE ET UN TENSIOACTIF CATIONIQUE

Publication

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Application

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- GB 9621791 A 19961018
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- US 9717816 W 19971002

Abstract (en)

[origin: WO9817768A1] The present invention relates to detergent compositions or components thereof containing a lipolytic enzyme and one or more 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 a C5-11 alkyl or alkenyl; and X<-> is a counterion.

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IPC 8 full level

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Citation (search report)

- [X] US 5466394 A 19951114 - DE BUZZACCARINI FRANCESCO [US], et al
- [PX] WO 9719155 A1 19970529 - PROCTER & GAMBLE [US], et al
- [PA] GB 2303140 A 19970212 - PROCTER & GAMBLE [US]
- [PA] WO 9703164 A1 19970130 - PROCTER & GAMBLE [US], et al
- See references of WO 9817768A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 9717816 W 19971002; AR P970104794 A 19971017; AT 97945461 T 19971002; CA 2268669 A 19971002; DE 69718040 T 19971002; EP 97945461 A 19971002; MA 24838 A 19971017; MX 9903682 A 19990419