

Title (en)

Detergent compositions containing polyamine N-oxide polymers.

Title (de)

Waschmittelzusammensetzungen enthaltend Polyamin-N-Oxidpolymere.

Title (fr)

Compositions détergentes contenant des polymères polyamine N-oxydes.

Publication

EP 0664333 A1 19950726 (EN)

Application

EP 94870008 A 19940119

Priority

EP 94870008 A 19940119

Abstract (en)

Use of polyamine N-oxide polymers which contain units having the structural formula (I) as a chelating agent in detergent formulations : <CHEM> wherein P is a polymerisable unit, whereto the N-O group can be attached to or wherein the N-O group forms part of the polymerisable unit. A is <CHEM> -O-, -S-, <CHEM> x is O or 1; R are aliphatic, ethoxylated aliphatic, aromatic, heterocyclic or alicyclic groups whereto the nitrogen of the N-O group can be attached or wherein the nitrogen of the N-O group is part of these groups.

IPC 1-7

C11D 3/00; **C11D 3/37**

IPC 8 full level

C11D 3/00 (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 3/0021 (2013.01); **C11D 3/3792** (2013.01)

Citation (search report)

- [PX] EP 0579295 A1 19940119 - PROCTER & GAMBLE [US]
- [A] EP 0135217 A1 19850327 - PROCTER & GAMBLE [US]
- [A] EP 0508034 A1 19921014 - PROCTER & GAMBLE [US]

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EP0790348A1; WO9733963A1; US6656900B2; US6900172B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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