

Title (en)

GRANULAR AUTOMATIC DISHWASHING DETERGENT WITH LONG-CHAIN AMINE OXIDES

Title (de)

GRANULARES, LANGKETTIGE AMINOXIDE ENTHALTENDES, MASCHINELLES GESCHIRRSPUELMITTEL

Title (fr)

DETERGENT GRANULEUX POUR LAVE-VAISSELLE CONTENANT DES OXYDES D'AMINES A LONGUE CHAINE

Publication

EP 0713521 B1 19980715 (EN)

Application

EP 94922765 A 19940801

Priority

- US 9408609 W 19940801
- US 10602293 A 19930813

Abstract (en)

[origin: WO9505440A1] Granular automatic dishwashing detergent compositions comprising long chain amine oxides and a pH from about 6 to about 11 for enhanced greasy stain removal are disclosed. Particularly preferred compositions are substantially phosphate, silicate and boron free.

IPC 1-7

C11D 1/75; **C11D 1/825**; **C11D 1/835**; **C11D 1/86**; **C11D 3/386**

IPC 8 full level

C11D 1/75 (2006.01); **C11D 1/825** (2006.01); **C11D 1/83** (2006.01); **C11D 1/835** (2006.01); **C11D 1/86** (2006.01); **C11D 3/386** (2006.01); **C11D 1/06** (2006.01); **C11D 1/29** (2006.01); **C11D 1/52** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

C11D 1/75 (2013.01); **C11D 1/825** (2013.01); **C11D 1/83** (2013.01); **C11D 1/835** (2013.01); **C11D 1/86** (2013.01); **C11D 3/38609** (2013.01); **C11D 1/06** (2013.01); **C11D 1/29** (2013.01); **C11D 1/526** (2013.01); **C11D 1/72** (2013.01)

Cited by

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AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

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