

Title (en)

Solid detergent additives, their preparation and use

Title (de)

Feste Waschmittelzusatzstoffe, deren Herstellung und Verwendung

Title (fr)

Additifs solides pour les détergents, leur préparation et utilisation

Publication

**EP 1234870 A3 20021113 (DE)**

Application

**EP 02003091 A 20020213**

Priority

DE 10108573 A 20010222

Abstract (en)

[origin: EP1234870A2] Providing a detergent additive comprises a core of an antifoaming agent and a shell of an anionic surfactant. Detergent additive comprises a core of an antifoaming agent and a shell of an anionic surfactant or a mixture containing an alkali salt of a 1-22C carboxylic acid and/or a nonionic or zwitterionic surfactant(s).

IPC 1-7

**C11D 17/00**

IPC 8 full level

**C11D 1/02** (2006.01); **C11D 3/00** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

**C11D 1/02** (2013.01); **C11D 3/0026** (2013.01); **C11D 11/0088** (2013.01); **C11D 17/0039** (2013.01)

Citation (search report)

- [XA] EP 0094250 A1 19831116 - UNILEVER PLC [GB], et al
- [X] US 3933672 A 19760120 - BARTOLOTTA GUISEPPE, et al
- [X] WO 9301269 A1 19930121 - UNILEVER PLC [GB], et al

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WO2023202849A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1234870 A2 20020828**; **EP 1234870 A3 20021113**; DE 10108573 A1 20020912

DOCDB simple family (application)

**EP 02003091 A 20020213**; DE 10108573 A 20010222