

Title (en)
ANTI-FOAMING AGENT FOR DETERGENTS CONTAINING ACTIVE CHLORINE

Publication
EP 0324339 A3 19901128 (DE)

Application
EP 89100011 A 19890102

Priority
DE 3800483 A 19880111

Abstract (en)
[origin: EP0324339A2] Ketones having long-chain alkyl radicals or alkylene radicals and at least 25 C atoms in the molecule are used as chlorine-stable antifoam agents in alkaline cleaning agents which contain active chlorine and can be used in machines, especially in dishwashing agents. The ketones are preferably employed as fine-particle dispersion in liquid organic vehicles which have a boiling point above 140 DEG C.

IPC 1-7
C11D 3/395; **C11D 3/20**

IPC 8 full level
B01D 19/04 (2006.01); **C11D 3/20** (2006.01); **C11D 3/395** (2006.01)

CPC (source: EP US)
C11D 3/0026 (2013.01 - EP US); **C11D 3/2072** (2013.01 - EP US); **C11D 3/395** (2013.01 - EP US)

Citation (search report)
• [AD] FR 2333551 A1 19770701 - HENKEL & CIE GMBH [DE]
• [AD] DE 1467613 A1 19690116 - HENKEL & CIE GMBH
• [A] GB 2140450 A 19841128 - COLGATE PALMOLIVE CO

Cited by
EP0432836A3; WO9713833A1; WO9300144A1; WO9412604A1; WO0027962A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0324339 A2 19890719; **EP 0324339 A3 19901128**; DE 3800483 A1 19890720; DK 7389 A 19890712; DK 7389 D0 19890109; FI 890112 A0 19890110; FI 890112 A 19890712; JP H01215895 A 19890829; NO 890094 D0 19890110; NO 890094 L 19890712; US 4937011 A 19900626

DOCDB simple family (application)
EP 89100011 A 19890102; DE 3800483 A 19880111; DK 7389 A 19890109; FI 890112 A 19890110; JP 585789 A 19890111; NO 890094 A 19890110; US 29588089 A 19890111