

Title (en)  
USE OF POLYGLYCOL ETHERS AS ANTI-FOAMING AGENTS IN DETERGENTS

Publication  
**EP 0326795 A3 19900822 (DE)**

Application  
**EP 89100009 A 19890102**

Priority  
DE 3800493 A 19880111

Abstract (en)  
[origin: EP0326795A2] Polyethylene glycol ethers of the general formula ( $\text{I}$ )  $\text{R1O}-(\text{CH}_2\text{CH}_2\text{O})_n\text{R2}$  ( $\text{I}$  in which R1 is a straight-chain or branched alkyl or alkenyl radical with 20 to 28 C atoms, R2 is an alkyl radical with 4 to 8 C atoms and n is a number from 6 to 20, are employed as foam-suppressant additives for low-foam cleaning agents.

IPC 1-7  
**C11D 1/72**

IPC 8 full level  
**C11D 1/72** (2006.01); **C11D 3/00** (2006.01); **C11D 3/20** (2006.01)

CPC (source: EP US)  
**C11D 1/721** (2013.01 - EP US); **C11D 3/0026** (2013.01 - EP US)

Citation (search report)  
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• [X] US 3684723 A 19720815 - BEST PETER, et al  
• [A] EP 0197434 A2 19861015 - HENKEL KGAA [DE]  
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Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0326795 A2 19890809; EP 0326795 A3 19900822; EP 0326795 B1 19940817**; AT E110105 T1 19940915; BR 8900095 A 19890905; CA 1327932 C 19940322; DE 3800493 A1 19890720; DE 58908196 D1 19940922; DK 1589 A 19890712; DK 1589 D0 19890103; ES 2056957 T3 19941016; JP H01215894 A 19890829; TR 24792 A 19920310; US 4954283 A 19900904; ZA 89197 B 19900829

DOCDB simple family (application)  
**EP 89100009 A 19890102**; AT 89100009 T 19890102; BR 8900095 A 19890110; CA 587981 A 19890111; DE 3800493 A 19880111; DE 58908196 T 19890102; DK 1589 A 19890103; ES 89100009 T 19890102; JP 585589 A 19890111; TR 4789 A 19890110; US 29587289 A 19890111; ZA 89197 A 19890110