

Title (en)  
USE OF DIETHANOL AMINE DERIVATIVES AS SOLUBILIZERS FOR LOW-FOAMING TENSIDES

Publication  
**EP 0275478 B1 19920115 (DE)**

Application  
**EP 87118486 A 19871214**

Priority  
DE 3643934 A 19861222

Abstract (en)  
[origin: US4853145A] Aqueous low-foam cleaning compositions containing at least one surfactant which is a water-soluble or water-emulsifiable polyalkylene glycol ether of a long-chain alcohol, and at least one diethanolamine derivative of the formula <IMAGE> (I) <IMAGE> (IIa) <IMAGE> (IIb) in which R1 and R2 are linear or branched alkyl or alkenyl radicals containing 8 to 14 carbon atoms for R1 and 9 to 17 carbon atoms for R2, and r, s, t, u, v and w are integers of from 1 to 3.

IPC 1-7  
**C11D 1/42**; **C11D 1/835**

IPC 8 full level  
**C09K 23/38** (2022.01); **C09K 23/16** (2022.01); **C09K 23/42** (2022.01); **C09K 23/46** (2022.01); **C11D 1/42** (2006.01); **C11D 1/835** (2006.01); **C11D 3/30** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP US)  
**C11D 1/42** (2013.01 - EP US); **C11D 1/835** (2013.01 - EP US); **C11D 3/0026** (2013.01 - EP US)

Cited by  
EP0651049A3; US6013625A

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AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**US 4853145 A 19890801**; AT E71652 T1 19920215; DE 3643934 A1 19880623; DE 3776127 D1 19920227; EP 0275478 A2 19880727; EP 0275478 A3 19890628; EP 0275478 B1 19920115; ES 2044906 T3 19940116; JP S63168495 A 19880712

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