

Title (en)  
Rinsing and cleaning composition

Title (de)  
Spül-und Reinigungsmittel

Title (fr)  
Composition de rincage et nettoyage

Publication  
**EP 1321512 A3 20030917 (DE)**

Application  
**EP 02027459 A 20021210**

Priority  
DE 10162696 A 20011219

Abstract (en)  
[origin: EP1321512A2] New polyethylene glycol hydroxy mixed ethers (I) have a linear or branched, 4-22C alk(en)yl group, a linear or branched, 4-24C 2-hydroxyalk(en)yl group and 40-80 ethylene oxide units. <??>New polyethylene glycol hydroxy mixed ethers are of formula (I): <??>  
>R<1>O(CH<sub>2</sub>CH<sub>2</sub>O)<sub>x</sub>CH<sub>2</sub>CH(OH)R<2> (I) <??>R<1> = linear or branched, 4-22C alkyl and/or alkenyl; <??>R<2> = linear or branched, 2-22C alkyl and/or alkenyl; and <??>x = 40-80. <??>An Independent claim is also included for agents containing (I) and other usual contents for laundry, dish-washing and other detergents.

IPC 1-7  
**C11D 1/83**; **C11D 1/831**

IPC 8 full level  
**C11D 1/83** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/66** (2006.01); **C11D 1/74** (2006.01); **C11D 1/75** (2006.01)

CPC (source: EP US)  
**C11D 1/83** (2013.01 - EP US); **C11D 1/143** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/74** (2013.01 - EP US); **C11D 1/75** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1321512 A2 20030625**; **EP 1321512 A3 20030917**; US 2003166488 A1 20030904

DOCDB simple family (application)  
**EP 02027459 A 20021210**; US 31734302 A 20021210