

Title (en)
Use of mixed formal of alkylpolyglycol ethers as foam suppressing agents.

Title (de)
Verwendung von Alkylpolyglykolethermischformale zur Schaumverhütung.

Title (fr)
Utilisation de formals mixtes d'éthers alkylpolyglycoliques comme agents antimousse.

Publication
EP 0040713 A1 19811202 (DE)

Application
EP 81103326 A 19810502

Priority
DE 3018149 A 19800512

Abstract (en)
[origin: ES8300018A1] An alkaline washing composition comprised of strongly alkaline reacting inorganic salts, optionally wetting agents and a defoaming effective amount of at least one mixed formal of an alkylpolyglycol ether having the formula: $R1-O-(CH_2CH_2O)_m-CH_2-(OCH_2CH_2)_n-O-R2$ wherein R1 is a straight or branched chain alkyl or alkenyl with from 8 to 22 carbon atoms, R2 is a straight or branched chain alkyl with from 1 to 5 carbon atoms, m is a number from 2 to 30 and n is a number from 1 to 3 as well as the improvement in the process of washing rigid solid articles comprising contacting the soiled rigid solid articles with a strongly alkaline washing solution containing a defoaming effective amount of a defoaming agent, rinsing said rigid solid articles and recovering cleaned rigid solid articles, the improvement consisting of using said mixed formal as said defoaming agent.

Abstract (de)
Alkylpolyglykolethermischformale der Formel $R1 - O - (CH_2CH_2O)_m - CH_2 - (OCH_2CH_2)_n - O - R2$ in der R1 einen geradkettigen oder verzweigten Alkyl- oder Alkylenrest mit 8 bis 22 Kohlenstoffatomen, R2 einen geradkettigen oder verzweigten Alkylrest mit 1 bis 5 Kohlenstoffatomen, m eine Zahl von 2 bis 30 und n eine Zahl von 1 bis 3 bedeuten, werden als Antischaummittel in alkalischen Reinigungsmitteln verwendet. Die alkalistabilen Mischformale werden den alkalischen Reinigungsmitteln in einer Menge von 0,1 bis 1 g/l, bezogen auf die zur Anwendung kommende Lösung, zugesetzt. Die gut dispergierbaren Antischaummittel sind biologisch abbaubar.

IPC 1-7
C11D 1/72; **C11D 7/06**

IPC 8 full level
B01D 19/04 (2006.01); **C11D 1/72** (2006.01); **C11D 3/00** (2006.01); **C11D 7/06** (2006.01)

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

Citation (search report)

- DE 2523588 A1 19761216 - HOECHST AG
- DE 1225800 B 19660929 - HENKEL & CIE GMBH

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EP0054894A1; EP0124815A3; EP0564402A1; CH684933A5; CN105939602A; AU2015213032B2; US11051510B2; WO2015113860A1

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