

Title (en)  
Liquid cleaning agent.

Title (de)  
Flüssiges reinigungsmittel.

Title (fr)  
Agent de nettoyage liquide.

Publication  
**EP 0216301 A2 19870401 (DE)**

Application  
**EP 86112821 A 19860917**

Priority  
DE 3534082 A 19850925

Abstract (en)  
[origin: US4732704A] The foaming and detergent power of manual dishwashing detergents gentle to the skin and containing anionic surfactants of the sulfonate or sulfate surfactant type, fatty acid alkanolamides and fatty alkylglucosides are enhanced by using fatty alkyl C12-C14 monoglucosides containing less than 2 glucose units per fatty alkyl group in quantities of from 3 to 20% by weight alkyl sulfate or alkylether sulfate, and from 1 to 15% by weight fatty acid alkanolamide.

Abstract (de)  
Schaum- und Reinigungskraft hautfreundlicher Geschirrspülmittel, die Aniontenside vom Typ der Sulfonat- oder Sulfattenside, Fettsäurealkanolamide und Fettalkylglucoside enthalten, werden verstärkt, wenn Fettalkyl-(C12 - 14)-monoglucoside mit 1 - 1.4 Glucoseeinheiten in Mengen von 3 - 20 Gew.-% eingesetzt werden, zusammen mit 2 - 25 Gew.-% Alkylsulfat oder Alkylethersulfat und mit 1 - 15 Gew.-% Fettsäurealkanolamid. Die Mittel sind frei von Alkylbenzolsulfonat und enthalten nachwachsende Rohstoffe.

IPC 1-7  
**C11D 1/86**; **C11D 1/52**; **C11D 1/66**

IPC 8 full level  
**C11D 1/29** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01); **C11D 1/68** (2006.01); **C11D 1/835** (2006.01); **C11D 1/86** (2006.01); **C11D 1/14** (2006.01)

CPC (source: EP US)  
**C11D 1/662** (2013.01 - EP US); **C11D 1/86** (2013.01 - EP US); **C11D 3/0094** (2013.01 - EP US); **C11D 1/14** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US); **C11D 1/523** (2013.01 - EP US)

Cited by  
US6090764A; DE4409189A1; EP0353735A3; US5575864A; US5837065A; EP0370312A3; EP0341071A3; EP0418479A1; GR890100505A; EP0486786A1; US5258142A; US5268126A; EP0403948A1; GB2234983A; GB2234983B; US6555515B1; WO9613567A1; WO9005772A3; WO9118963A1; WO9002164A1; WO9412601A1; WO9201772A1; WO9015855A1; US8093200B2; US8309509B2; US8697625B2; US10005986B2; US10577565B2; US11261406B2

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**EP 86112821 A 19860917**; AT 86112821 T 19860917; DE 3534082 A 19850925; DE 3681103 T 19860917; ES 8602131 A 19860924; JP 22795086 A 19860925; US 89869086 A 19860821