

Title (en)

Process for making solid detergent compositions

Title (de)

Verfahren zur Herstellung von festen Wasch- oder Reinigungsmitteln

Title (fr)

Procédé de préparation des détergents solides

Publication

EP 0814152 A3 19990203 (DE)

Application

EP 97109359 A 19970610

Priority

DE 19624416 A 19960619

Abstract (en)

[origin: EP0814152A2] A method for the preparation of high bulk weight, solid washing or cleaning agents containing anionic surfactants and builders comprises the use of solid 8-22C alkyl sulphates as surfactants and the inclusion of 3-10 wt.% (with respect to the alkyl sulphate) carboxylic acid alkyl ester alkoxylate(s) of formula (I) and/or hydrolysis products to improve detergent solubility: R<1>-CO₂-(AO)_m-R<2> (I) R<1> = 5-21C alkyl optionally containing unsaturated bonds; R<2> = H or 1-6C alkyl; AO = 2-4C alkylene oxide; and n = 1-60 (3-12).

IPC 1-7

C11D 17/06; **C11D 11/00**; **C11D 1/14**; **C11D 1/83**; **C11D 17/00**

IPC 8 full level

C11D 1/83 (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01); **C11D 1/14** (2006.01); **C11D 1/74** (2006.01)

CPC (source: EP)

C11D 1/83 (2013.01); **C11D 17/0086** (2013.01); **C11D 17/065** (2013.01); **C11D 1/146** (2013.01); **C11D 1/74** (2013.01)

Citation (search report)

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- [DA] WO 9302176 A1 19930204 - HENKEL KGAA [DE]
- [A] LU 65030 A1 19730926
- [A] EP 0598586 A1 19940525 - UNILEVER PLC [GB], et al
- [A] WO 9508616 A1 19950330 - HENKEL KGAA [DE], et al
- [X] DATABASE WPI Section Ch Week 9419, Derwent World Patents Index; Class A97, AN 94-156885, XP002086512
- [A] DATABASE WPI Section Ch Week 9421, Derwent World Patents Index; Class D25, AN 94-174022, XP002086513
- [A] DATABASE WPI Section Ch Week 9432, Derwent World Patents Index; Class A97, AN 94-260817, XP002086487
- [A] DATABASE WPI Section Ch Week 9336, Derwent World Patents Index; Class A97, AN 93-285603, XP002086488

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