

Title (en)
Washing and cleansing agent.

Title (de)
Wasch- und Reinigungsmittel.

Title (fr)
Agent de lavage et de nettoyage.

Publication
EP 0118663 A1 19840919 (DE)

Application
EP 84100219 A 19840111

Priority
DE 3301577 A 19830119

Abstract (en)
[origin: US4581153A] Powder-form washing and cleaning agents which can be made up into stock liquors containing in addition to synthetic surfactants and ingredients such as alkali carbonates, alkali silicates, alkali sulfates, water-soluble, organic or inorganic complexing agents, (a) from 10 to 40% by weight of finely particulate zeolites of the NaA or NaX type or mixtures thereof and (b) from 0.5 to 2.5% by weight of xanthan gum as dispersant in a ratio by weight of a:b of from 5:1 to 25:1 for the preparation of approximately 10% by weight aqueous stable stock liquor suspensions.

Abstract (de)
Die pulverförmigen, stammlaugenfähigen Wasch- und Reinigungsmittel enthalten neben synthetischen Tensiden und Bestandteilen aus der Gruppe der Alkalicarbonate, Alkalisilikate, Alkalisulfate, wasserlöslichen, organischen oder anorganischen Komplexierungsmittel, optische Aufheller und weiteren üblichen Zusätzen a) 10 - 40 Gew.-% feinteilige Zeolithe vom Typ NaA oder NaX bzw. deren Gemische und b) 0,5 - 2,5 Gew.-% Xanthangummi als Dispergiermittel im Gewichtsverhältnis von a : b = 5 : 1 bis 25 : 1 zur Herstellung von etwa 10 Gew.-%igen wäßrigen stabilen Stammlaugensuspensionen.

IPC 1-7
C11D 3/12; C11D 3/22

IPC 8 full level
C11D 3/12 (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 3/382** (2006.01)

CPC (source: EP US)
C11D 3/1286 (2013.01 - EP US); **C11D 3/222** (2013.01 - EP US)

Citation (search report)
• DE 3006333 A1 19800918 - CHEMED CORP
• DE 2736903 A1 19780223 - COLGATE PALMOLIVE CO
• WO 8303621 A1 19831027 - AMERICAN HOME PROD [US]
• EP 0050897 A1 19820505 - PROCTER & GAMBLE [US]

Cited by
EP1348756A1; EP0215637A3; EP0332513A1; FR2628341A1; WO9638844A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 4581153 A 19860408; AT E23876 T1 19861215; BR 8400196 A 19840821; DE 3301577 A1 19840719; DE 3461478 D1 19870115; DK 597883 A 19840720; DK 597883 D0 19831223; EP 0118663 A1 19840919; EP 0118663 B1 19861126; JP S59138300 A 19840808; ZA 84386 B 19840829

DOCDB simple family (application)
US 57102684 A 19840116; AT 84100219 T 19840111; BR 8400196 A 19840118; DE 3301577 A 19830119; DE 3461478 T 19840111; DK 597883 A 19831223; EP 84100219 A 19840111; JP 494884 A 19840117; ZA 84386 A 19840118