

Title (en)
Textile softening washing agent.

Title (de)
Textilweichmachendes Waschmittel.

Title (fr)
Agent de lavage adoucissant pour textile.

Publication
EP 0276706 A2 19880803 (DE)

Application
EP 88100553 A 19880116

Priority
DE 3702067 A 19870124

Abstract (en)
[origin: US4839066A] Detergent composition containing conventional surfactants and builders, a fabric-softening silicate of the smectite type, and a synthetic incrustation-inhibiting layer silicate having a smectite-like crystal phase and reduced swelling power in water by comparison with natural smectite. The composition provides a significant increase in the softening effect of the detergent on a fabric washed therewith.

Abstract (de)
Das Waschmittel enthält übliche Tenside und Gerüststoffe sowie textilweichmachendes Schichtsilikat vom Smectittyp. Zusätzlich enthält es ein synthetisch hergestelltes inkrustationsinhibierendes Schichtsilikat mit smectitähnlicher Kristallphase und einem im Vergleich zu natürlichem Smectit verringertem Quellvermögen in Wasser. Eine derartige Kombination aus textilweichmachendem natürlichen Schichtsilikat und inkrustationsinhibierendem synthetisch hergestelltem Schichtsilikat führt zu einer merklichen Steigerung der weichmachenden Leistung der Waschmittel.

IPC 1-7
C11D 3/00; C11D 3/12; D06M 11/06

IPC 8 full level
C11D 3/12 (2006.01); **D06M 11/00** (2006.01); **D06M 11/38** (2006.01); **D06M 11/44** (2006.01); **D06M 11/45** (2006.01); **D06M 11/71** (2006.01); **D06M 11/76** (2006.01); **D06M 11/79** (2006.01); **D06M 11/82** (2006.01); **D06M 13/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/184** (2006.01); **D06M 13/188** (2006.01); **D06M 13/217** (2006.01); **D06M 13/224** (2006.01); **D06M 13/244** (2006.01); **D06M 13/248** (2006.01); **D06M 13/262** (2006.01); **D06M 13/282** (2006.01); **D06M 13/292** (2006.01); **D06M 23/00** (2006.01)

CPC (source: EP US)
C11D 3/1253 (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 0276706 A2 19880803; EP 0276706 A3 19900620; DE 3702067 A1 19880804; DK 30088 A 19880725; DK 30088 D0 19880122; FI 880272 A0 19880122; FI 880272 A 19880725; JP S63193992 A 19880811; NO 880248 D0 19880121; NO 880248 L 19880725; US 4839066 A 19890613

DOCDB simple family (application)
EP 88100553 A 19880116; DE 3702067 A 19870124; DK 30088 A 19880122; FI 880272 A 19880122; JP 1571588 A 19880125; NO 880248 A 19880121; US 14699188 A 19880122