

Title (en)
Solid washing, rinsing and cleansing agent

Title (de)
Feste Wasch-, Spül- und Reinigungsmittel

Title (fr)
Produits solides de lavage, de rincage et de nettoyage

Publication
EP 1306422 A1 20030502 (DE)

Application
EP 02022837 A 20021012

Priority
DE 10152142 A 20011023

Abstract (en)
Surprisingly, it has been found that nonionic surfactants such as geminitensides which completely satisfy the desired complex requirements, can be processed to solids with organic and inorganic carriers at small cost, with the required degree of retarded solution kinetics. <??>Solid washing, rinsing, and cleaning agents, i.e. geminitensides of formula (I): where R<1> and R<2> = linear or branched alkyl and/or 4-22C alkenyl, n = 5-400 are new. An Independent claim is included for preparation of (I) on organic or inorganic carriers.

Abstract (de)
Vorgeschlagen werden feste Wasch-, Spül- und Reinigungsmittel, die man erhält, indem man Gemin tenside der Formel (I), R<1>CH(OH)CH₂(OCH₂CH₂)_nOCH₂CH(OH)R<2> in der R<1> und R<2> unabhängig von einander für lineare oder verzweigte Alkyl- und/oder Alkenylreste mit 4 bis 22 Kohlenstoffatomen und n für Zahlen von 5 bis 400 steht, auf anorganische oder organische Träger aufbringt.

IPC 1-7
C11D 1/72

IPC 8 full level
C11D 1/72 (2006.01); **C11D 3/00** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP US)
C11D 1/721 (2013.01 - EP US); **C11D 3/0026** (2013.01 - EP US); **C11D 11/0082** (2013.01 - EP US); **C11D 11/0088** (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US)

Citation (search report)

- [E] EP 1254947 A1 20021106 - COGNIS DEUTSCHLAND GMBH [DE]
- [E] EP 1254948 A1 20021106 - COGNIS DEUTSCHLAND GMBH [DE]
- [A] US 4898621 A 19900206 - PRUEHS HORST [DE], et al
- [A] US 5160450 A 19921103 - OKAHARA MITSUO [JP], et al

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DOCDB simple family (application)
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