

Title (en)

SOLID TEXTILE DETERGENT FORMULATION BASED ON GLYCIN-N, N- DIACETIC ACID DERIVATIVES WITH A HIGHLY REDUCED PROPORTION OF OTHER ANIONIC SURFACTANTS

Title (de)

FESTE TEXTILWASCHMITTEL-FORMULIERUNG AUF BASIS VON GLYCIN-N,N-DIESSIGSÄURE-DERIVATEN MIT STARK REDUZIERTEM ANTEIL AN WEITEREN ANIONISCHEN TENSIDEN

Title (fr)

FORMULATION DETERGENTE SOLIDE POUR TEXTILES A BASE DE DERIVES D'ACIDE N,N-DIACETIQUE DE GLYCINE A TENEUR FORTEMENT REDUITE EN AUTRES TENSIOACTIFS ANIONIQUES

Publication

EP 1003826 B1 20040225 (DE)

Application

EP 98942573 A 19980720

Priority

- DE 19732689 A 19970730
- DE 19807105 A 19980220
- EP 9804486 W 19980720

Abstract (en)

[origin: WO9906513A1] The invention relates to a solid textile detergent formulation containing (A) 1-60 wt.% inorganic builders based on crystalline or amorphous aluminosilicates, crystalline or amorphous silicates, carbonates and/or phosphates, (B) 1-40 wt.% of one or several glycin-N, N-diacetic acid derivatives of formula (I), wherein R stands for an organic radical and M means hydrogen or a cation, (C) 0-6 wt.% anionic surfactants with one or several sulphate groups, one or several sulphate groups or one or two carboxylate groups and (D) 0.5-50 wt.% non ionic surfactants.

IPC 1-7

C11D 3/33; **C11D 3/12**; **C11D 3/08**; **C11D 3/10**; **C11D 3/06**

IPC 8 full level

C11D 1/10 (2006.01); **C11D 1/83** (2006.01); **C11D 3/06** (2006.01); **C11D 3/08** (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 3/33** (2006.01); **C11D 3/39** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)

C11D 1/10 (2013.01 - EP US); **C11D 1/83** (2013.01 - EP US); **C11D 3/06** (2013.01 - EP US); **C11D 3/08** (2013.01 - EP US); **C11D 3/10** (2013.01 - EP US); **C11D 3/128** (2013.01 - EP US); **C11D 3/33** (2013.01 - EP US); **C11D 3/3907** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (examination)

EP 0882786 A1 19981209 - KAO CORP [JP]

Cited by

US11034875B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9906513 A1 19990211; DE 59810854 D1 20040401; EP 1003826 A1 20000531; EP 1003826 B1 20040225; JP 2001512174 A 20010821; US 6225278 B1 20010501

DOCDB simple family (application)

EP 9804486 W 19980720; DE 59810854 T 19980720; EP 98942573 A 19980720; JP 2000505258 A 19980720; US 46361200 A 20000128