

Title (en)
SHAPED SOLID MADE WITH A RIGID, INTERLOCKING MESH OF NEUTRALIZED CARBOXYLIC ACID.

Title (de)
MIT EINER AUS NEUTRALISierter CARBONSÄURE FESTEN, INEINANDERGREIFENDEN MASCHE HERGESTELLTER GEFORMTER FESTKÖRPER.

Title (fr)
SOLIDE FA ONNE COMPOSE D'UNE MAILLE RIGIDE A EMBOITEMENTS D'ACIDE CARBOXYLIQUE NEUTRALISE.

Publication
EP 0559837 A1 19930915

Application
EP 92904074 A 19911120

Priority
• US 61782790 A 19901126
• US 78295691 A 19911101
• US 9108733 W 19911120

Abstract (en)
[origin: WO9209679A1] The invention provides a shaped solid, three-dimensional skeleton structure comprising: a relatively rigid, interlocking mesh of neutralized crystalline carboxylic acid. In another respect, the present invention provides an improved cleansing bar which is comprised of the rigid, interlocking mesh of neutralized carboxylic acid, preferably sodium soap fibers. Such preferred cleansing bars can be formulated to have essentially no bar smear. Some cleansing bars comprise surprisingly large amounts of water and another liquids while maintaining their rigidity and excellent smear properties; even when allowed to soak overnight in water.

Abstract (fr)
Solide façonné présentant une structure de squelette tridimensionnelle comprenant une maille relativement rigide à emboîtements d'acide carboxylique cristallin neutralisé. La présente invention se rapporte également à une barre détergente comprenant la maille rigide à emboîtements d'acide carboxylique neutralisé, de préférence en fibres de savon de sodium. On peut formuler ces barres détergentes afin qu'elles ne présentent pratiquement pas de manque de consistance superficielle. Certaines barres détergentes contiennent des quantités étonnamment élevées d'eau et d'autres liquides, et conservent leur rigidité et d'excellentes propriétés de consistance superficielle même après avoir trempé dans l'eau pendant toute une nuit.

IPC 1-7
C11D 1/04; C11D 1/08; C11D 10/04; C11D 17/00

IPC 8 full level
C11D 13/00 (2006.01); **C11D 1/04** (2006.01); **C11D 1/08** (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01); **C11D 1/10** (2006.01); **C11D 1/12** (2006.01); **C11D 1/14** (2006.01); **C11D 1/16** (2006.01); **C11D 1/22** (2006.01); **C11D 1/28** (2006.01); **C11D 1/29** (2006.01); **C11D 1/32** (2006.01); **C11D 1/34** (2006.01); **C11D 1/66** (2006.01); **C11D 1/75** (2006.01); **C11D 1/90** (2006.01); **C11D 1/92** (2006.01)

IPC 8 main group level
C11D (2006.01)

CPC (source: EP)
C11D 1/04 (2013.01); **C11D 1/08** (2013.01); **C11D 10/04** (2013.01); **C11D 10/042** (2013.01); **C11D 10/045** (2013.01); **C11D 17/006** (2013.01); **C11D 17/0069** (2013.01); **C11D 1/10** (2013.01); **C11D 1/123** (2013.01); **C11D 1/126** (2013.01); **C11D 1/14** (2013.01); **C11D 1/16** (2013.01); **C11D 1/22** (2013.01); **C11D 1/28** (2013.01); **C11D 1/29** (2013.01); **C11D 1/32** (2013.01); **C11D 1/345** (2013.01); **C11D 1/662** (2013.01); **C11D 1/75** (2013.01); **C11D 1/90** (2013.01); **C11D 1/92** (2013.01)

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

DOCDB simple family (publication)
WO 9209679 A1 19920611; AR 247426 A1 19941229; AT E129522 T1 19951115; AU 657295 B2 19950309; AU 9176391 A 19920625; BR 9107125 A 19931109; CA 2095351 A1 19920527; CA 2095351 C 19981215; CN 1036529 C 19971126; CN 1062759 A 19920715; CZ 283495 B6 19980415; CZ 98793 A3 19940713; DE 69114143 D1 19951130; DE 69114143 T2 19960425; DK 0559837 T3 19960304; EG 19580 A 19950830; EP 0559837 A1 19930915; EP 0559837 B1 19951025; ES 2079180 T3 19960101; FI 932366 A0 19930525; FI 932366 A 19930525; GR 3017892 T3 19960131; HK 1006179 A1 19990212; HU 215484 B 19990128; HU 9301532 D0 19930928; HU T76489 A 19970929; IE 72087 B1 19970312; IE 914094 A1 19920603; JP H06503122 A 19940407; KR 100226393 B1 19991015; MA 22349 A1 19920701; MX 9102229 A 19920708; NO 931848 D0 19930521; NO 931848 L 19930723; NZ 240709 A 19950427; PT 99606 A 19921030; RU 2080365 C1 19970527; SG 59939 A1 19990222; SK 52693 A3 19940112

DOCDB simple family (application)
US 9108733 W 19911120; AR 32122591 A 19911125; AT 92904074 T 19911120; AU 9176391 A 19911120; BR 9107125 A 19911120; CA 2095351 A 19911120; CN 91111928 A 19911126; CS 9879391 A 19911120; DE 69114143 T 19911120; DK 92904074 T 19911120; EG 72291 A 19911126; EP 92904074 A 19911120; ES 92904074 T 19911120; FI 932366 A 19930525; GR 950402864 T 19951026; HK 98105320 A 19980615; HU 153293 A 19911120; IE 409491 A 19911125; JP 50427492 A 19911120; KR 930701554 A 19930525; MA 22633 A 19911126; MX 9102229 A 19911126; NO 931848 A 19930521; NZ 24070991 A 19911125; PT 9960691 A 19911126; RU 93042103 A 19911120; SG 1996003227 A 19911120; SK 52693 A 19911120