

Title (en)

Process for making granular detergents and detergent compositions comprising nonionic surfactant

Title (de)

Verfahren zur Herstellung von körnigen Reinigungsmitteln und nichtionische Tenside enthaltende Reinigungsmittelzusammensetzungen

Title (fr)

Procédé pour la fabrication de détergents granulations et compositions détergents à base de surface non ionique

Publication

EP 0694608 A1 19960131 (EN)

Application

EP 94305619 A 19940728

Priority

EP 94305619 A 19940728

Abstract (en)

The present invention provides a process for making a granular laundry detergent component or composition having a bulk density of at least 650 g/l comprising the steps of ; a) dissolving a structuring agent in a nonionic surfactant to form a pumpable premix, wherein the structuring agent comprises a glyceride, and wherein the nonionic surfactant comprises polyhydroxy fatty acid amide at a level of at least 3% (by weight of the component or composition); b) granulating said premix Granular laundry compositions and components comprising polyhydroxy fatty acid amide and glyceride fats are also disclosed.

IPC 1-7

C11D 17/06; **C11D 3/20**

IPC 8 full level

C11D 1/68 (2006.01); **C11D 1/835** (2006.01); **C11D 3/20** (2006.01); **C11D 17/06** (2006.01); **C11D 1/52** (2006.01); **C11D 1/72** (2006.01); **C11D 1/74** (2006.01)

CPC (source: EP)

C11D 1/835 (2013.01); **C11D 17/065** (2013.01); **C11D 1/525** (2013.01); **C11D 1/72** (2013.01); **C11D 1/74** (2013.01)

Citation (search report)

- [Y] EP 0492679 A1 19920701 - UNILEVER NV [NL], et al
- [Y] EP 0364881 A2 19900425 - HENKEL KGAA [DE]
- [A] EP 0513824 A2 19921119 - KAO CORP [JP]
- [A] FR 795664 A 19360319 - LEVER BROTHERS LTD

Cited by

EP0849354A1; US5935923A; AU731562B2; US5998357A; US6025320A; WO2012138423A1; WO2011088089A1; WO9828390A1; WO9811198A1; WO9811197A1; WO0071654A1; WO9946359A1; US6911423B2; US6235703B1; US6900170B2; WO2012112828A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0694608 A1 19960131; CA 2194053 A1 19960208; JP H10504334 A 19980428; MX 9700689 A 19970430; WO 9603482 A1 19960208

DOCDB simple family (application)

EP 94305619 A 19940728; CA 2194053 A 19950712; JP 50577595 A 19950712; MX 9700689 A 19950712; US 9508725 W 19950712