

Title (en)

Structured detergent pastes and a method for manufacturing detergent particles from such pastes

Title (de)

Strukturierte Tensidpasten und ein Verfahren zur Herstellung von Detergenspartikeln hieraus

Title (fr)

Pâtes détergents structurés et un procédé de fabrication de particules de détergent

Publication

**EP 0688862 A1 19951227 (EN)**

Application

**EP 94201821 A 19940624**

Priority

EP 94201821 A 19940624

Abstract (en)

The present invention provides a structured paste which is substantially free of LAS and which is suitable for processing into a high bulk density, high active granular detergent. Surfactant pastes of the present invention have a viscosity of at least 10 Pa.s (measured at 70 DEG C and 25 sec<->><1>) and comprise: from 30% to 90% by weight of anionic surfactant; from 0% to 50% by weight of nonionic surfactant; from 0.5% to 20% by weight of either a polymeric cationic material or a polar amino acid; and from 1% to 40% by weight of water. pas

IPC 1-7

**C11D 17/06**; **C11D 3/37**; **C11D 3/33**

IPC 8 full level

**C11D 1/02** (2006.01); **C11D 1/83** (2006.01); **C11D 1/835** (2006.01); **C11D 3/33** (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

**C11D 1/83** (2013.01); **C11D 3/33** (2013.01); **C11D 3/3719** (2013.01); **C11D 3/3723** (2013.01); **C11D 3/3769** (2013.01); **C11D 3/3776** (2013.01); **C11D 17/003** (2013.01); **C11D 17/065** (2013.01)

Citation (search report)

- [AX] WO 9410282 A1 19940511 - PROCTER & GAMBLE [US]
- [A] WO 9201778 A1 19920206 - PROCTER & GAMBLE [US]
- [A] EP 0080222 A1 19830601 - PROCTER & GAMBLE [US]
- [DA] EP 0508543 A1 19921014 - PROCTER & GAMBLE [US]
- [AX] DATABASE WPI Section Ch Week 9419, Derwent World Patents Index; Class A97, AN 94-156884

Cited by

US6093690A; US5935923A; US6046153A; US6511956B1; WO9808925A1; WO2010025097A1; WO0031226A1; WO9811198A1

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 0688862 A1 19951227**; CA 2193650 A1 19960104; CA 2193650 C 20000215; CN 1171811 A 19980128; JP H10506130 A 19980616; MX 9700075 A 19970430; WO 9600279 A1 19960104

DOCDB simple family (application)

**EP 94201821 A 19940624**; CA 2193650 A 19950623; CN 95193782 A 19950623; JP 50349796 A 19950623; MX 9700075 A 19950623; US 9508794 W 19950623