

Title (en)

Particulate detergent compositions

Title (de)

Teilchenförmige Waschmittelzusammensetzungen

Title (fr)

Compositions détergents sous forme particulaire

Publication

EP 0544492 B1 19980527 (EN)

Application

EP 92310721 A 19921124

Priority

- GB 9125035 A 19911126
- GB 9201059 A 19920117

Abstract (en)

[origin: EP0544492A1] A particulate high-density detergent composition having excellent flow properties comprises 15 to 50 wt% of a high-performance surfactant system - selected ethoxylated alcohol nonionic surfactant plus optionally a minor amount of primary alkyl sulphate - and from 20 to 60 wt% of zeolite. The ethoxylated nonionic surfactant preferably has a peaked ethoxylation distribution, and the zeolite may advantageously be maximum aluminium zeolite P. The composition is preferably prepared by an agglomeration process utilising a high-speed mixer/granulator.

IPC 1-7

C11D 17/06; **C11D 3/12**; **C11D 1/83**

IPC 8 full level

C11D 1/14 (2006.01); **C11D 1/72** (2006.01); **C11D 1/83** (2006.01); **C11D 3/12** (2006.01); **C11D 11/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

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EP 92310721 A 19921124; AT 92310721 T 19921124; AU 2854692 A 19921120; BR 9204572 A 19921126; CA 2083331 A 19921119; CN 92114552 A 19921125; CS 349592 A 19921126; DE 69225679 T 19921124; ES 92310721 T 19921124; HK 98115579 A 19981224; HU 370792 A 19921125; HU 9203707 A 19921125; IN 375BO1992 A 19921126; JP 33966492 A 19921126; MX 9206809 A 19921126; MY PI19922139 A 19921124; NO 924557 A 19921125; NZ 24520292 A 19921120; PL 29673192 A 19921125; SK 349592 A 19921126