

Title (en)

Wax encapsulated bleach particles and method for making same

Title (de)

Mit Wachs verkapselte Bleichpartikel und Verfahren zur Herstellung

Title (fr)

Particules de blanchiment encapsulées avec de la cire et procédé de préparation

Publication

EP 0436971 B1 19971217 (EN)

Application

EP 90202882 A 19901031

Priority

US 43699689 A 19891115

Abstract (en)

[origin: EP0436971A2] Bleach particles encapsulated in a single coat of paraffin wax, the wax having melting point of 40 to 50 DEG C and needle penetration value of 10 to 60 mm at 25 DEG C. The coat comprises 35 to 55% by weight of the particle and may be from 100 to 1,000 microns thick. The coat prolongs the time in which chlorine bleach particles encapsulated therewith may remain active in aqueous environments. The encapsulated particle is made by spraying molten wax on to the particles in a fluidized bed. Liquid or powder cleaning compositions, particularly automatic dishwashing liquid detergents, may incorporate 0.1-15% of the single coat wax-encapsulated bleach particles.

IPC 1-7

C11D 3/39; **C11D 17/00**

IPC 8 full level

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Cited by

EP0596550A3; EP1208908A3; EP1344815A1; KR100892551B1; US5650017A; WO0065020A1; WO2007134977A1; US7897557B2; WO9900476A1; WO9533817A1; US6463939B1; US9474720B2; US9642867B2; US9901586B2; US10159686B2

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