

Title (en)
PARTICULATE DETERGENT

Title (de)
TEILCHENFÖRMIGES WASCHMITTEL

Title (fr)
DETERGENT PARTICULAIRE

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Application
EP 00937229 A 20000615

Priority
• JP 0003872 W 20000615
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Abstract (en)
[origin: EP1186651A1] The present invention relates to detergent particles comprising 5 to 50% by weight of a phosphate builder, 5 to 40% by weight of an anionic surfactant, and 1 to 30% by weight of a nonionic surfactant, the detergent particles having an average particle size of from 150 to 500 μm , a bulk density of 500 g/L or more, and a flow time of 10 seconds or less, wherein the detergent particles comprise a detergent particle being capable of releasing a bubble from an inner portion thereof in a process of dissolving the detergent particle in water, the bubble having a size of one-tenth or more of a particle size of the detergent particle, and wherein the detergent particles have a dissolution rate of 90% or more, as calculated by Equation 1: $\text{Dissolution Rate (\%)} = \frac{A}{T} \times 100$, wherein S is a weight (g) of the detergent particles supplied; and T is a dry weight of insoluble remnants of the detergent particles remaining on the sieve when an aqueous solution prepared under the above stirring conditions is filtered with the sieve. According to the present invention, the dissolubility of the particles and the flowability are increased, so that easiness in washing with the detergent during hand-washing can be improved.

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C11D 17/06; C11D 11/00; C11D 3/06

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Citation (search report)
• [XY] EP 0080222 A1 19830601 - PROCTER & GAMBLE [US]
• [Y] EP 0229671 A2 19870722 - KAO CORP [JP]
• [PX] WO 9929829 A1 19990617 - KAO CORP [JP], et al
• See references of WO 0077160A1

Cited by
EP1698687A1; WO2006086198A1

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