

Title (en)  
PARTICLES FOR DETERGENT ADDITION

Title (de)  
TEILCHENFÖRMIGES WASCHMITTELADDITIV

Title (fr)  
PARTICULES D'ADDITION A UN DETERGENT

Publication  
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Application  
**EP 00939055 A 20000614**

Priority  
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Abstract (en)  
[origin: EP1193310A1] The present invention relates to composite detergent particles prepared by dry-blending detergent additive particles (a) comprising 30 to 100% by weight of two or more kinds of water-soluble substances, the detergent additive particles having an average particle size of from 150 to 600  $\mu$ m, a bulk density of 300 to 1000 g/L, and wherein the detergent additive particles have a dissolution rate of 90% or more, as calculated by the Equation 1; and detergent particles (b) having an average particle size of from 150 to 600  $\mu$ m and a bulk density of 300 to 1000 g/L, and comprising 10 to 50% by weight of a surfactant; and a granular detergent composition comprising 50 to 100% by weight of the composite detergent particles. Since the present invention has excellent fast dissolubility, it has excellent distributivity when pouring water to a dispenser of a drum-type washing machine, a fully automatic washing machine, or the like. <DF>Equation 1: Dissolution Rate (%) =  $\frac{1}{S} \cdot \frac{(T/S)}{T} \cdot 100$  </DF> wherein S is a weight (g) of the detergent additive particles supplied; and T is a dry weight of insoluble remnants on the sieve when an aqueous solution prepared is filtered with the sieve after stirring

IPC 8 full level  
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