

Title (en)

Particulate detergent additive product, preparation and use thereof in detergent compositions.

Title (de)

Teilchenförmiger Reinigungsmittel-Zusatz, dessen Herstellung und Verwendung in Reinigungsmittelzusammensetzungen.

Title (fr)

Additif détergent sous forme de particules, préparation et utilisation dans des compositions détergentes.

Publication

EP 0390287 A2 19901003 (EN)

Application

EP 90200742 A 19900328

Priority

GB 8907100 A 19890329

Abstract (en)

Stable, non-friable, non-dusty and fast-dissolving detergent additive containing bodies having a shape of substantially rounded particles of a size ranging from 100 to 2000 μm are disclosed, each body comprising a core particle comprising a solid particulate storage-sensitive detergent additive material and an organic binder material having a melting point from 25 DEG to 80 DEG C, which core particle is provided with an outer coating of an organic material having a melting point below that of the binder material and solubility in water at 40 DEG C greater than 20% by weight, said bodies having a pore volume of not more than 0.25 cm^3/gram and compression strength expressed as compression modulus greater than $0.5 \times 10^{-6} \text{ N/m}^2$. A process for preparing the bodies by a high shear energy mixing process in a high-speed mixer/granulator. Preferred detergent additive materials are peroxyacids and a peroxyacid bleach precursor.

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CPC (source: EP)

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Cited by

US5646107A; GB2406338A; US5565137A; US6069124A; US5565422A; US5641741A; EP0429108A3; US5167852A; TR24785A; USRE37949E; WO2005087908A1; WO2008015055A1; US6191095B1; US6303558B1; US6221831B1; WO02102959A1; WO0042158A1; EP1633471B2

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