

Title (en)
PROCESS FOR PRODUCING COATED DETERGENT PARTICLES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON BESCHICHTETEN TENSIDPARTIKELN

Title (fr)
PROCEDE DE PRODUCTION DE PARTICULES DE DETERGENT ENROBEES

Publication
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Application
EP 00944749 A 20000620

Priority

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Abstract (en)
[origin: WO0078909A1] A process for preparing detergent particles having a coating layer of a water-soluble inorganic material is provided. The detergent particle comprises a particle core of a detergent active material. This particle core is then at least partially covered by a particle coating layer of a water soluble inorganic material. Particularly preferred are non-hydratable inorganic coating materials including double salt combinations of alkali metal carbonates and sulfates. The particle coating layer may also include detergent adjunct ingredients such as brighteners, chelants, nonionic surfactants, co-builders, etc. The process includes the steps of passing the particle core through a coating mixer such as a low speed mixer or fluid bed mixer and coating the particle core with a coating solution or slurry of the water soluble inorganic material. Upon drying, the resultant detergent particles have improved appearance, flow properties, and improved solubility, and may be packaged and sold as a detergent material or mixed with various other detergent ingredients to provide a fully formulated detergent composition.

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