

Title (en)

Method for preparing a granular detergent material and granular detergent material thereby obtained.

Title (de)

Verfahren zur Herstellung eines Reinigungsproduktes in Granulatform und so erhaltenes Reinigungsprodukt in Granulatform.

Title (fr)

Procédé de préparation d'un produit détergent granulaire et produit détergent granulaire obtenu.

Publication

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Application

EP 88202736 A 19881130

Priority

GB 8728959 A 19871211

Abstract (en)

Irritant dusty powdered detergent components can be worked into substantially non-dusting form from a pre-mix comprising : a) from 1-10% by weight of a binder; and b) up to 40% by weight of a dusty detergent component; c) the balance being granulising particles capable of granulising the dusty detergent component in the presence of a binder. This pre-mix is used to prepare a granular detergent material having a core of granulising particles coated with said detergent component and a binder, comprising up to 40% by weight of the detergent component and from 1 to 10% by weight of the binder. The dusty detergent component and the granulising particles are admixed intimately and the resultant product is then admixed with the binder to form said pre-mix. Mixing of the pre-mix then continues until the granular detergent material is formed.

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Cited by

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