

Title (en)

IMPROVED EXTRUSION PROCESS FOR MANUFACTURING DETERGENTS

Title (de)

VERBESSERTES EXTRUSIONSVERFAHREN ZUR HERSTELLUNG VON WASCHMITTELN

Title (fr)

AMELIORATION APPORTEE A UN PROCEDE D'EXTRUSION POUR LA PRODUCTION DE DETERGENTS

Publication

EP 0784668 A1 19970723 (DE)

Application

EP 95933387 A 19950918

Priority

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- EP 9503668 W 19950918

Abstract (en)

[origin: DE4434500A1] In the production of washing and cleaning agents by pressing a homogeneous pre-mixture of washing agent components into strands through perforated moulds, subsequent crushing of the extrudate and treatment in a rounding device producing a product consisting of largely uniform spherical granules with bulk densities generally in the 700g/l - 1050 g/l range, the aim is to improve the degree of homogeneity of the pre-mix used for the extrusion process and the smoothness of the surface of the extruded granules, while avoiding differences in length. This is achieved in essence by using hot drying gases to spray-dry an aqueous sludge containing a surfactant, inorganic builders and silicone oil; the spray-drying product is optionally mixed with other solid washing or cleaning agents, or washing or cleaning agents prepared in solid form, the mixture is extruded through a perforated plate and the extrudate is optionally rounded and/or pulverised.

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