

Title (en)

CONTINUOUS PROCESS FOR MAKING HIGH DENSITY DETERGENT GRANULES

Title (de)

KONTINUIERLICHER VERFAHREN ZUR HERSTELLUNG VON WASCHMITTELAGGLOMERATEN MIT HOHER DICHT

Title (fr)

PROCEDE CONTINU POUR PRODUIRE UN DETERGENT GRANULAIRE A HAUTE DENSITE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9510595A1] A process for preparing high density detergent agglomerates having a density of at least 650 g/l is provided. The process comprising the step of continuously mixing into a moderate speed mixer/densifier the following starting detergent ingredients: (i) from about 25 % to about 50 % of a detergent surfactant; (ii) from about 20 % to about 50 % of a builder; and (iii) from about 10 % to about 40 % of a powdered material. The ratio of the builder to the powdered material is from about 1:1 to about 3.5:1. The agglomerates exiting the mixer/densifier have a density of at least 650 g/l. The process further may include one or more additional processing steps such as spraying a binder or adding a coating agent in the mixer/densifier to facilitate agglomeration. Thereafter, the agglomerates are dried to obtain high density granular detergent agglomerates which are ready for packaging as a low dosage detergent.

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