

Title (en)

METHOD FOR PRODUCING HIGH BULK DENSITY DETERGENT GRANULES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON WASCHMITTELGRANULATEN MIT HOHER SCHÜTTDICHTHE

Title (fr)

PROCÉDÉ DE PRODUCTION DE GRANULÉS DE DÉTERGENT D'UNE MASSE VOLUMIQUE APPARENTE ÉLEVÉE

Publication

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Application

**EP 10794135 A 20100629**

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Abstract (en)

A method for producing detergent particles having a bulk density of 650 g/L or more, including the following steps 1 to 3: step 1: mixing powdery raw materials having an oil-absorbing ability of 0.4 mL/g or more; step 2: adding water or an aqueous binder solution to a mixed powder obtained by the step 1, and preparing base particles with a low-shearing granulator; and step 3: mixing the base particles obtained in the step 2, with a surfactant composition containing an anionic surfactant and water. By using a method of the present invention, some effects such as high-density detergent particles generally having very small skin irritability, favorable biodegradability, and a sharp particle size distribution can also be produced in high yields are exhibited. Having a sharper particle size distribution would lead to exhibition of the effects that a detergent having not only improved external appearance but also favorable free flowability and excellent productivity can be efficiently obtained.

IPC 8 full level

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