

Title (en)  
PROCESS FOR MAKING A LOW DENSITY DETERGENT COMPOSITION BY CONTROLLING NOZZLE HEIGHT IN A FLUID BED DRYER

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON WASCHMITTELN MIT NIEDRIGER SCHÜTTDICHTHE DURCH KONTROLLE DER DÜSENHÖHE IM FLIESSBETT

Title (fr)  
PROCEDE DE PRODUCTION D'UNE COMPOSITION DETERGENTE DE FAIBLE DENSITE PAR COMMANDE DE LA HAUTEUR DE LA BUSE D'UN SECHOIR A LIT FLUIDE

Publication  
**EP 1005522 B1 20041006 (EN)**

Application  
**EP 98935559 A 19980708**

Priority  
• US 9814100 W 19980708  
• US 5247297 P 19970714

Abstract (en)  
[origin: WO9903966A1] A process for preparing low density detergent agglomerates having a density in a range from about 300 g/l to about 550 g/l is provided. The process involves the steps of: (a) agglomerating a detergent surfactant paste or precursor thereof and dry starting detergent material in a first high speed mixer to obtain agglomerates; (b) mixing the agglomerates in a second high speed mixer to obtain built-up agglomerates; and (c) feeding the built-up agglomerates into a fluid bed dryer in which a binder is sprayed via a nozzle having a height of from about 25 cm to about 60 cm from the distributor plate of the fluid bed dryer such that the built-up agglomerate are dried and agglomerated to form the desired low detergent agglomerates.

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**C11D 11/00**; **C11D 17/06**

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