Title (en)
CONTINUOUS PROCESS FOR MAKING A DETERGENT COMPOSITION

Title (de)
KONTINUIERLICHES HERSTELLUNGSVERFAHREN FÜR WASCHMITTEL

Title (fr)
PROCEDE EN CONTINU DE FABRICATION D'UNE COMPOSITION DE DETERGENT

Publication
EP 1114138 A1 20010711 (EN)

Application
EP 99946732 A 19990903

Priority
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Abstract (en)
[origin: WO0017304A1] A continuous process for preparing granular detergent composition including a first step of dry neutralizing an acid precursor of an anionic surfactant with a particulate water-soluble alkaline material in a high speed mixer for a mean residence time of about 0.2 to about 50 seconds, thereby partly or totally neutralizing the acid precursor and producing a dry neutralized material containing the anionic surfactant, in the form of a free-flowing powder; and a second step of agglomerating the free-flowing powder into a detergent agglomerate using an agglomeration binder. The agglomeration binder is preferably a viscous sufactant paste binder. The resulting agglomerates are dry, free-flowing, and have a substantially more narrow particle size distribution, compared to the free-flowing powder, with reduced fine particles and over-sized particles that generally are recycled.

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C11D 11/00; C11D 17/06

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