

Title (en)
PROCESS FOR MAKING A FREE FLOWING DETERGENT COMPOSITION

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER FREIFLIESSENDEN WASCHMITTELZUSAMMENSETZUNG

Title (fr)
PROCEDE DE PREPARATION D'UNE COMPOSITION DETERGENTE A ECOULEMENT FACILE

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Application
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Abstract (en)
[origin: WO0024861A1] A non-tower process for preparing a granular detergent composition, the process comprising the following steps: (i) fluidising powder materials in a high-speed mixer/granulator having both a stirring action and a cutting action, the powder materials comprising: particulate solid water-soluble alkaline inorganic material in an amount in excess of that required for neutralization, optionally in admixture with one or more other particulate solids, and recycled fines, the powder materials having a total surface area; (ii) adding the liquid deterative materials to the high-speed mixer/granulator, the liquid deterative materials comprising: a liquid acid precursor, optionally in admixture with one or more other liquid materials, whereby neutralization of the acid precursor by the water-soluble alkaline inorganic material occurs; and (iii) granulating the mixture in the high-speed mixer/granulator to form detergent particles, wherein the ratio of the total surface area of the powder materials to the amount of liquid deterative materials in step (ii) is from about 0.02 to about 140.

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