

Title (en)

MICROCAPSULE INCORPORATION IN STRUCTURED LIQUID DETERGENTS

Title (de)

MIKROKAPSEL-AUFNAHME IN STRUKTURIERTEN FLÜSSIGWASCHMITTELN

Title (fr)

INCORPORATION DE MICROCAPSULES DANS DES DÉTERGENTS LIQUIDES STRUCTURÉS

Publication

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Application

EP 11706854 A 20110309

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Abstract (en)

[origin: WO2011120772A1] A process for the incorporation of microcapsules with anionic charge into a structured aqueous concentrated liquid detergent comprising at least 30 wt%, preferably at most 65 wt%, total surfactant of which at least 5 wt% based on the total composition is anionic surfactant, including soap, and an external structurant, the process comprising the combining of two premixes; Premix A which is the structured aqueous concentrated liquid detergent composition without microcapsules and Premix B which comprises an aqueous dispersion of the microcapsules with anionic charge, characterised in that: Premix B is a slurry of microcapsules with a maximum viscosity at 25°C of 100 mPas and at least 90 wt% of the microcapsules having a particle size in the range 5 to 30 microns, and that Premix B is added to Premix A and the resulting combined mixture is passed through a static in-line mixer with an energy input of from 20 to 500 J/kg to form, immediately after the mixer, a structured liquid comprising less than 10%, based on the total number of groups of microcapsules, agglomerated groups of microcapsules, an agglomerated group of microcapsules being defined as a group having more than 5 microcapsules grouped together.

IPC 8 full level

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