

Title (en)

EXTERNALLY STRUCTURED AQUEOUS ISOTROPIC LIQUID DETERGENT COMPOSITIONS

Title (de)

EXTERN STRUKTURIERTE, WÄSSRIGE, ISOTROPE FLÜSSIGWASCHMITTELZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS DÉTERGENTES, LIQUIDES, ISOTROPES, AQUEUSES, STRUCTURÉES DE FAÇON EXTERNE

Publication

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Application

EP 15727693 A 20150612

Priority

- EP 14173220 A 20140620
- EP 2015063226 W 20150612

Abstract (en)

[origin: WO2015193201A1] A process to manufacture an externally structured aqueous liquid detergent composition having a yield stress in the range of 0.3 Pa to 1.2 Pa, the composition comprising at least 10 wt% water; at least 3 wt% deterative surfactant; at least 0.01 wt% non-clay particles; and consisting essentially of 0.05 to 0.125 wt% citrus fibre as sole external structurant comprising the steps of: a) subjecting citrus fibre to mechanical processing comprising application of shear in the presence of 20 to 120 times the amount of water based on the citrus fibres, the shear being sufficient to cause structural disruption and hydration of the citrus fibres to form a structuring premix comprising dispersed pulped citrus fibre and having a yield stress in the range of 80 to 250 Pa, preferably 80 to 180 Pa; b) combining and further dispersing the structuring premix formed in step (a) with detergent liquid components in the absence of any other external structurants to form the aqueous externally structured liquid detergent composition with a yield stress in the range of 0.3 to 1.2 Pa when measured at 25 °C. Also, the detergent composition obtainable by the process.

IPC 8 full level

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CPC (source: CN EP)

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