

Title (en)

PROCESS FOR THE PRODUCTION OF A DETERGENT GRANULE, DETERGENT GRANULE AND DETERGENT COMPOSITION COMPRISING SAID GRANULE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES WASCHMITTELGRANULATS, WASCHMITTELGRANULAT UND WASCHMITTEL ENTHALTEND DIESES GRANULAT

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN GRANULE DÉTERGENT, GRANULE DÉTERGENT ET COMPOSITION DÉTERGENTE COMPRENANT CE GRANULE

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Abstract (en)

[origin: WO2015018620A1] There is provided a process for the production of a detergent granule comprising at least 40% by weight of an anionic surfactant and suitable for use as a granular detergent composition or a component thereof, which comprises the steps of (i) neutralising an anionic surfactant precursor with a source of alkali, (ii) adding Na₂SO₄ and Na₂CO₃ to form a slurry and (iii) spray-drying the obtained slurry to form a granule, whereby the molar ratio of Na₂SO₄ to Na₂CO₃ is in range of 1 :3.3 to less than : 1.3, and whereby the double salt Na₂SO₄. Na₂CO₃ is formed and whereby the slurry comprises a polycarboxylate polymer. There is also provided a spray-dried detergent carrier granule comprising at least 40% by weight of an anionic surfactant and suitable for use as a granular detergent composition or a component thereof, comprising (i) linear alkylbenzene sulphonate (LAS), soap and mixtures thereof, and (ii) the double salt Na₂SO₄. Na₂CO₃ obtainable by the process of the present invention. A third aspect is a detergent composition comprising such granules.

IPC 8 full level

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