

Title (en)

Detergent compositions and process for preparing them.

Title (de)

Reinigungsmittel und Verfahren zu deren Herstellung.

Title (fr)

Compositions détergentes et leur procédé de préparation.

Publication

EP 0438320 A2 19910724 (EN)

Application

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Priority

GB 9001285 A 19900119

Abstract (en)

A batch process for the preparation of detergent powder of high bulk density comprises neutralising a detergent acid (anionic surfactant precursor), eg linear alkylbenzene sulphonic acid, with a particulate solid water-soluble alkaline inorganic material, for example, sodium carbonate (optionally plus other alkaline materials and/or detergency builders, for example, alkali metal aluminosilicate), in a high-speed mixer/granulator, eg Fukae mixer, and granulating the product in the mixer. The reaction mixture remains particulate throughout the process, without the need to keep the temperature during the neutralisation step to 55 DEG C or below, and a high-quality high-bulk-density particulate product is obtained.

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

US5703037A; US5486317A; EP1832648A1; CN1078246C; US5565137A; US5916867A; CN1105179C; DE10232304A1; DE10232304B4; US6191095B1; US5573697A; US5929021A; CN1054632C; EP0853117A1; US5736501A; US5945395A; US6576605B1; US7446085B2; WO0024861A1; WO0018872A1; WO9529215A1; WO9739100A1; WO9961576A1; US7186677B2; US6468957B1; US6221831B1; WO9519421A1; WO2011061045A1; EP0730637B2

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