

Title (en)

Soap composition containing sodium pyrophosphate.

Title (de)

Natriumpyrophosphate enthaltende Seifenzusammensetzung.

Title (fr)

Composition de savon contenant du pyrophosphate sodique.

Publication

**EP 0607004 A3 19950308 (EN)**

Application

**EP 94300155 A 19940110**

Priority

- US 315293 A 19930111
- US 5604993 A 19930430

Abstract (en)

[origin: EP0607004A2] A detergent soap composition in bar form comprising (1) an alkali metal or ammonium soap of a saturated or unsaturated fatty acid or mixture thereof, (2) a moisture content in the range of 6-14% by weight of total water, and (3) from about 0.5 to about 15% by weight of a structurant selected from the group consisting of tetrasodium pyrophosphate, a hydrate of tetrasodium pyrophosphate (TSPP) and mixtures thereof. The structurant provides enhanced structural integrity, hardness, slough and wear- and crack-resistant characteristics to the bar. A method of preparing the detergent soap composition comprising mixing in a crutcher, the soap, water and TSPP at a temperature above 80 DEG C and subsequently removing excess moisture at a temperature above about 80 DEG C for a time sufficient to reduce the total water content of the mixture to from 6-14% by weight, followed by cooling and forming into a bar, is also disclosed.

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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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