

Title (en)

SOLID DETERGENT PREPARATIONS AND METHOD OF PREPARING THEM

Title (de)

FESTE REINIGUNGSMITTELZUBEREITUNGEN UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

PREPARATIONS D'AGENTS NETTOYANTS SOLIDES ET PROCEDE POUR LEUR OBTENTION

Publication

**EP 0885289 B1 20010530 (DE)**

Application

**EP 97902225 A 19970125**

Priority

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- EP 9700340 W 19970125

Abstract (en)

[origin: WO9728245A1] Solid detergent preparations are disclosed for use in dish washing machines in the form of pressed pourable grains with a powder density of at least 700g/l; these preparations can be manufactured using little or no water and with a minimum of drying processes. To that end, solid components, including at least some builders, alkali carriers, oxygen bleaches and/or bleach activators, are used, together with other substances at least some of which are liquid or plastically deformable (fluid phase) at temperatures above 30 DEG C. The fluid phase contains at least one additional component which is solid at temperatures below about 30 DEG C and has a melting point of below 60 DEG C. Also disclosed is a process for manufacturing solid detergent preparations, whereby the components in a homogenous mixture are extruded at a temperature above 30 DEG C, cut into the predetermined dimensions and, if necessary, shaped. The additional component of the fluid phase is allowed to set by cooling.

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