

Title (en)
PROCESS FOR THE PRODUCTION OF CLEANING AGENT TABLETS

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EP 0126963 B1 19861230 (DE)

Application
EP 84104535 A 19840421

Priority
DE 3315950 A 19830502

Abstract (en)
[origin: US4587031A] A process for the production of tablet form detergent compositions is afforded, comprising: (a) the partial hydration of from 10 to 60 parts by weight of an anhydrous sodium polyphosphate to form from 30 mole percent to less than 80 mole percent of tripolyphosphate hexahydrate; (b) mixing the partial hydrate with from 20 to 70 parts by weight of a powder-form, substantially anhydrous sodium silicate (Na₂O: SiO₂=1:1 to 1:4); (c) spraying the mixture with water or an aqueous silicate solution; and (d) granulation by agitation, followed by crystallization, other detergent ingredients optionally being added along with bleaches or enzymes, and adding from 1 to 5% by weight of sodium acetate or from 0.5 to 3% by weight of dicalcium phosphate dihydrate or a mixture thereof as a tableting aid, followed by tableting under a pressure of more than 70 kp/cm², leading to mechanically strong, but rapidly dissolving tablet form detergent compositions.

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C11D 17/00; **C11D 17/06**

IPC 8 full level
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Cited by
EP0264701A1; EP1384772A1; EP0224128A3; US4828749A; WO9405768A1; WO9726317A1; WO9924545A3

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