

Title (en)
STABLE, BIFUNCTIONAL, PHOSPHATE-, METASILICATE- AND POLYMER-FREE LOW ALKALINE DETERGENT TABLETS FOR DISHWASHING MACHINES, AND PROCESS FOR PRODUCING THE SAME

Title (de)
STABILE, BIFUNKTIONELLE, PHOSPHAT-, METASILIKAT- UND POLYMERFREIE NIEDERALKALISCHE REINIGUNGSMITTELTABLETTEN FÜR DAS MASCHINELLE GESCHIRRSPÜLEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
COMPRIMES STABLES BIFONCTIONNELS DE PRODUITS DE LAVAGE A FAIBLE ALCALINITE, SANS PHOSPHATES, SANS METASILICATES ET SANS POLYMERES, POUR LAVE-VAISSELLE, ET LEUR PROCEDE DE PRODUCTION

Publication
EP 0692020 B1 19971112 (DE)

Application
EP 94912526 A 19940323

Priority
• DE 4315048 A 19930401
• EP 9400932 W 19940323

Abstract (en)
[origin: US5691293A] PCT No. PCT/EP94/00932 Sec. 371 Date Oct. 2, 1995 Sec. 102(e) Date Oct. 2, 1995 PCT Filed Mar. 23, 1994 PCT Pub. No. WO94/23011 PCT Pub. Date Oct. 13, 1994A stable, dual-function, phosphate-, metasilicate- and polymer-free low alkali detergent tablet containing: (a) from 5 to 50% by weight of a sodium citrate; (b) from 1 to 60% by weight of anhydrous sodium carbonate; (c) from 1 to 60% by weight of sodium hydrogen carbonate; (d) a bleaching agent selected from the group consisting of sodium perborate monohydrate, sodium percarbonate and mixtures thereof; (e) from 0.5 to 4% by weight of tetraacetyl ethylenediamine; (f) from 0.1 to 2% by weight of protease; (g) from 0.1 to 2% by weight of amylase; and (h) from 3 to 10% by weight of water, all weights being based on the weight of the tablet.

IPC 1-7
C11D 17/00; C11D 3/20

IPC 8 full level
C11D 1/66 (2006.01); **C11D 3/10** (2006.01); **C11D 3/20** (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)
C11D 1/667 (2013.01 - EP US); **C11D 3/10** (2013.01 - EP US); **C11D 3/2086** (2013.01 - EP US); **C11D 3/38609** (2013.01 - EP US); **C11D 3/3917** (2013.01 - EP US); **C11D 17/0091** (2013.01 - EP US)

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US 53011495 A 19951002; AT 94912526 T 19940323; CZ 253195 A 19940323; DE 4315048 A 19930401; DE 59404581 T 19940323; DK 94912526 T 19940323; EP 9400932 W 19940323; EP 94912526 A 19940323; ES 94912526 T 19940323; HU 9502850 A 19940323; PL 31095194 A 19940323