

Title (en)
MULTILAYERED DETERGENT TABLETS FOR MECHANICAL DISH-WASHING

Publication
EP 0224128 B1 19910123 (DE)

Application
EP 86115738 A 19861112

Priority
DE 3541146 A 19851121

Abstract (en)
[origin: US4828749A] A multilayer detergent tablet for dishwashing machines based on alkali metal metasilicates, pentaalkali metal triphosphates, active chlorine compound, and surfactant. The tablet comprises a first cold water-soluble layer of alkali metal metasilicate nonahydrate, pentaalkali metal triphosphate, and a low-foaming nonionic surfactant; and a second layer which dissolves rapidly at increasing water temperatures comprising alkali metal metasilicate, pentaalkali metal triphosphate, and an active chlorine compound.

IPC 1-7
C11D 3/06; C11D 3/08; C11D 3/395; C11D 17/00

IPC 8 full level
C11D 3/06 (2006.01); **C11D 3/08** (2006.01); **C11D 3/395** (2006.01); **C11D 7/14** (2006.01); **C11D 7/16** (2006.01); **C11D 7/54** (2006.01); **C11D 7/60** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP US)
C11D 3/08 (2013.01 - EP US); **C11D 3/3955** (2013.01 - EP US); **C11D 17/0078** (2013.01 - EP US)

Cited by
US5900395A; EP0851024A3; EP0481547A1; EP0999262A1; US6686329B1; EP0979863A1; EP0851025A3; EP0999261A1; EP0957159A1; FR2778666A1; DE29911485U1; US5382377A; GB2358405A; GB2358405B; EP0979862A1; EP2754708A1; EP3275991A1; US6548473B1; US6413928B1; US6486117B1; US6391845B1; US6462007B1; WO0009645A1; WO9747786A1; WO9927064A1; WO0009646A1; WO9115567A3; DE102008059624A1; EP3412428A1; WO9938948A1; WO9927063A1; WO0027988A1; WO9703177A1; WO0027989A1; WO9935233A1; WO9938949A1

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