

Title (en)  
UNIFORMLY COMPOSED DETERGENT TABLETS FOR MECHANICAL DISH-WASHING

Publication  
**EP 0224129 A3 19880309 (DE)**

Application  
**EP 86115739 A 19861112**

Priority  
DE 3541145 A 19851121

Abstract (en)  
[origin: US4839078A] Tablets having a broad solubility profile containing a mixture of sodium metasilicate nonahydrate and anhydrous sodium metasilicate with a grain size of from 0.2 to 0.8 mm in a ratio by weight of from 1:0.75 to 1:1.2, anhydrous pentasodium triphosphate having a grain diameter of 0.2 to 0.3 mm, and 0.5 to 5% by weight of an active chlorine donor. The ratio by weight of pentasodium triphosphate to metasilicates is about 1:1 to 1:1.7, based on anhydrous substances. The tablets are used in automatic dishwashing machines where they are introduced into a free zone of the machine before the start of the prerinse cycle, at least 10% of the tablets being dissolved by inflowing cold water and at least another 70% being available in the main-wash cycle.

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

IPC 8 full level  
**C11D 7/14** (2006.01); **C11D 3/08** (2006.01); **C11D 3/395** (2006.01); **C11D 7/16** (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 17/0091** (2013.01 - EP US)

Citation (search report)  
• [A] DE 1467564 A1 19691009 - COLGATE PALMOLIVE CO [US]  
• [A] EP 0000076 A1 19781220 - PROCTER & GAMBLE [US]  
• [AD] DE 1617088 A1 19710225 - FMC CORP

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**EP 86115739 A 19861112**; AT 86115739 T 19861112; CA 523271 A 19861118; DE 3541145 A 19851121; DE 3676649 T 19861112; JP 27953486 A 19861121; US 93177686 A 19861117