

Title (en)  
DISH-WASHING PRODUCTS WITH SELECTED BUILDER SYSTEM

Title (de)  
GESCHIRRSPÜLMITTEL MIT AUSGEWÄHLTEM BUILDER-SYSTEM

Title (fr)  
PRODUITS A LAVER LA VAISSELLE A SYSTEME D'ADJUVANTS SELECTIONNES

Publication  
**EP 0656937 B1 19970604 (DE)**

Application  
**EP 93919136 A 19930821**

Priority  
• DE 4228786 A 19920829  
• EP 9302252 W 19930821

Abstract (en)  
[origin: WO9405762A1] Solid, weakly alkaline, phosphate- and chlorine-free products for dish-washing machines contain organic water-soluble builders, alkali carbonate, oxygen-based bleaching agents, surfactants and if required further usual components. In order to avoid the inconvenient formation of lime deposits in the dish-washing machines used, and in particular on the washed dishes, washing products are disclosed which contain oxidation products of polyglucosanes and/or their soluble salts as builder components.

IPC 1-7  
**C11D 3/22**; C11D 17/06; C11D 17/00

IPC 8 full level  
**C11D 3/22** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)  
**C11D 3/223** (2013.01); **C11D 17/0091** (2013.01); **C11D 17/065** (2013.01)

Cited by  
CN114341327A

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)  
**WO 9405762 A1 19940317**; AT E154071 T1 19970615; CA 2143609 A1 19940317; DE 4228786 A1 19940303; DE 59306692 D1 19970710; EP 0656937 A1 19950614; EP 0656937 B1 19970604; ES 2102055 T3 19970716; JP H08500626 A 19960123

DOCDB simple family (application)  
**EP 9302252 W 19930821**; AT 93919136 T 19930821; CA 2143609 A 19930821; DE 4228786 A 19920829; DE 59306692 T 19930821; EP 93919136 A 19930821; ES 93919136 T 19930821; JP 50681494 A 19930821