

Title (en)  
COMPOSITION FOR USE IN A DISHWASHER

Title (de)  
ZUSAMMENSETZUNG ZUR VERWENDUNG IN EINER GESCHIRRSPÜLMASCHINE

Title (fr)  
COMPOSITION POUR UTILISATION DANS UN LAVE-VAISSELLE

Publication  
**EP 1100862 A1 20010523 (DE)**

Application  
**EP 99936595 A 19990723**

Priority  
• DE 19834180 A 19980729  
• EP 9905265 W 19990723

Abstract (en)  
[origin: DE19834180A1] The invention relates to a composition for use in a dishwasher which is provided in the form of a tablet. The inventive composition is characterized by a base composition which essentially carries out its function during the main cleaning cycle of the dishwasher, and is also characterized by at least one particle. Said particle has at least one core that comprises at least one substance which essentially carries out its function during the rinse cycle of the dishwasher. The particle also has a coating which, for the most part, completely surrounds the core(s). Said coating comprises at least one compound whose solubility increases with a declining concentration of a specific ion in the surrounding medium. The at least one particle is arranged in or on the tablet in such a way that the surface of the particle(s) is, at most, partially in direct contact with the surface of the base composition surrounding this/these particles. In order to prevent the coating from substantially dissolving or to prevent the coating from substantially detaching from the core(s), the concentration of the specific ion in the local surrounding of the particle(s) is sufficiently high until the tablet has, for the most part, completely dissolved. The invention also relates to a method for conducting a dishwashing cycle in a dishwasher while using the inventive composition.

IPC 1-7  
**C11D 17/00**

IPC 8 full level  
**C11D 17/00** (2006.01)

CPC (source: EP US)  
**C11D 17/0073** (2013.01 - EP US); **C11D 17/0078** (2013.01 - EP US)

Citation (third parties)  
Third party :  
EP 0365657 A1 19900502 - UNIV NORTH CAROLINA [US]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6730646 B1 20040504**; AT E224947 T1 20021015; AU 5163599 A 20000221; CA 2338711 A1 20000210; CA 2338711 C 20091020; DE 19834180 A1 20000203; DE 59902871 D1 20021031; EP 1100862 A1 20010523; EP 1100862 B1 20020925; ES 2180315 T3 20030201; WO 0006684 A1 20000210

DOCDB simple family (application)  
**US 74472701 A 20010404**; AT 99936595 T 19990723; AU 5163599 A 19990723; CA 2338711 A 19990723; DE 19834180 A 19980729; DE 59902871 T 19990723; EP 9905265 W 19990723; EP 99936595 A 19990723; ES 99936595 T 19990723