

Title (en)
detergent tablet

Title (de)
Waschmitteltablette

Title (fr)
Tablette détergente

Publication
EP 1327677 A2 20030716 (EN)

Application
EP 03003528 A 19990707

Priority

- EP 01104425 A 19990707
- EP 99305387 A 19990707
- GB 9815525 A 19980717
- GB 9911264 A 19990517

Abstract (en)

A multi-phase laundry detergent tablet comprising: a) a first phase in the form of a shaped body having at least one mould therein; and b) a second phase in the form of a compressed body adhesively contained within said mould, wherein the tablet composition comprises one or more detergent actives, the second phase additionally comprises a disrupting agent, the first and second phases are in a weight ratio of at least 6:1, and the tablet is such that differential dissolution of the phases occurs in use. The multi-phase tablets provide improved dissolution and cleaning characteristics together with excellent tablet integrity and strength.

IPC 1-7
C11D 17/00

IPC 8 full level

C11D 1/62 (2006.01); **C11D 3/00** (2006.01); **C11D 3/12** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01);
C11D 3/42 (2006.01); **C11D 17/00** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

C11D 1/62 (2013.01); **C11D 3/0052** (2013.01); **C11D 3/126** (2013.01); **C11D 3/1273** (2013.01); **C11D 3/221** (2013.01); **C11D 3/222** (2013.01);
C11D 3/3707 (2013.01); **C11D 3/3776** (2013.01); **C11D 3/3792** (2013.01); **C11D 3/386** (2013.01); **C11D 3/38609** (2013.01);
C11D 3/38645 (2013.01); **C11D 3/42** (2013.01); **C11D 17/0078** (2013.01); **C11D 17/0086** (2013.01); **C11D 17/0091** (2013.01);
C11D 1/72 (2013.01)

Cited by

EP3181672A1; EP3181671A1; WO2017105827A1; WO2017105857A1

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)

GB 2339790 A 20000209; GB 2339790 B 20010124; GB 9911217 D0 19990714; AR 019408 A1 20020220; CO 5130036 A1 20020227;
DE 29923872 U1 20010830; DE 29923873 U1 20010726; DE 29923874 U1 20010830; DE 29923876 U1 20010830; EP 1103595 A2 20010530;
EP 1103595 A3 20010613; EP 1103595 B1 20030604; EP 1103596 A2 20010530; EP 1103596 A3 20010613; EP 1103596 B1 20030521;
EP 1103597 A2 20010530; EP 1103597 A3 20010606; EP 1103597 B1 20030924; EP 1104805 A2 20010606; EP 1104805 A3 20010613;
EP 1104805 B1 20030604; EP 1327676 A2 20030716; EP 1327676 A3 20030813; EP 1327676 B1 20061018; EP 1327677 A2 20030716;
EP 1327677 A3 20030813; EP 1327677 B1 20060906; GB 2339791 A 20000209; GB 2339791 B 20010124; GB 2339792 A 20000209;
GB 2339792 B 20010124; GB 2339793 A 20000209; GB 2339793 B 20010124; GB 9815525 D0 19980916; GB 9911218 D0 19990714;
GB 9911264 D0 19990714; GB 9911268 D0 19990714; HK 1046425 A1 20030110; PE 20001007 A1 20001009; SA 99200725 B1 20060730;
SA 99200726 B1 20060523; SA 99200727 B1 20060523

DOCDB simple family (application)

GB 9911217 A 19990517; AR P990103500 A 19990716; CO 99045196 A 19990716; DE 29923872 U 19990707; DE 29923873 U 19990707;
DE 29923874 U 19990707; DE 29923876 U 19990707; EP 01104424 A 19990707; EP 01104425 A 19990707; EP 01104426 A 19990707;
EP 01104427 A 19990707; EP 03003527 A 19990707; EP 03003528 A 19990707; GB 9815525 A 19980717; GB 9911218 A 19990517;
GB 9911264 A 19990517; GB 9911268 A 19990517; HK 02106338 A 20020827; PE 00072399 A 19990716; SA 99200725 A 19991102;
SA 99200726 A 19991102; SA 99200727 A 19991102