

Title (en)  
Detergent tablet

Title (de)  
Waschmitteltablette

Title (fr)  
Comprimé détergent

Publication  
**EP 0979866 B1 20020227 (EN)**

Application  
**EP 99305387 A 19990707**

Priority  

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Abstract (en)  
[origin: WO0004124A2] A multi-phase 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 which is predominantly concentrated in the second phase, and wherein the second phase additionally comprises a disrupting agent. The multi-phases tablets provide improved dissolution and cleaning characteristics together with excellent tablet integrity and strength.

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IPC 8 full level  
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Cited by  
EP1162257A1; WO0196522A1; WO03073002A1; US7977295B2; US8101562B2; EP1179042B1; EP1097192B1; EP1332204B2

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AT E338808 T1 20060915; AU 4964499 A 20000207; BR 9912157 A 20010410; CA 2333468 A1 20000127; CA 2333468 C 20040120;  
CN 1309692 A 20010822; DE 29911484 U1 20000224; DE 69900931 D1 20020404; DE 69900931 T2 20021107; DE 69908604 D1 20030710;  
DE 69908604 T2 20040429; DE 69909095 D1 20030731; DE 69909095 T2 20040506; DE 69933143 D1 20061019; DE 69933143 T2 20070802;  
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ES 2173707 T3 20021016; ES 2199905 T3 20040301; ES 2201741 T3 20040316; ES 2272825 T3 20070501; FI 4408 U1 20000518;  
FI U990322 U0 19990716; FR 2782090 A1 20000211; FR 2782090 B1 20040709; IE S990572 A2 20000308; IT MI991511 A0 19990709;  
IT MI991511 A1 20000118; IT MI991567 A0 19990715; IT MI991567 A1 20010115; JP 2002520479 A 20020709; NL 1012585 A1 20000119;  
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**US 9914863 W 19990709**; AT 01104425 T 19990707; AT 03003528 T 19990707; AT 99305387 T 19990707; AT 99933627 T 19990709;  
AU 4964499 A 19990709; BR 9912157 A 19990709; CA 2333468 A 19990709; CN 99808777 A 19990709; DE 29911484 U 19990701;  
DE 69900931 T 19990707; DE 69908604 T 19990707; DE 69909095 T 19990709; DE 69933143 T 19990707; DK 99305387 T 19990707;  
EP 99305387 A 19990707; EP 99933627 A 19990709; ES 01104425 T 19990707; ES 03003528 T 19990707; ES 99305387 T 19990707;  
ES 99933627 T 19990709; FI U990322 U 19990716; FR 9909288 A 19990716; IE S990572 A 19990707; IT MI991511 A 19990709;  
IT MI991567 A 19990715; JP 2000560223 A 19990709; NL 1012585 A 19990713; PL 34617999 A 19990709; PT 99305387 T 19990707;  
RU 2001104452 A 19990709; SK 602001 A 19990709; TR 200100096 T 19990709