

Title (en)  
DETERGENT COMPOSITIONS

Title (de)  
REINIGUNGSMITTELZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS DETERGENTES

Publication  
**EP 1165733 B1 20050713 (EN)**

Application  
**EP 00919866 A 20000329**

Priority  
• GB 9907568 A 19990401  
• US 0008417 W 20000329

Abstract (en)  
[origin: WO0060040A1] The present invention relates to detergent compositions which comprise low levels of inorganic sulphate filler salts, but instead high levels of carbonate salts and a system to counter balance the carbonate. This system comprises a flocculating agent and a clay. Preferably only very low levels of an inorganic sulphate salt are present. Preferably, also other salts or silicates are present, including phosphates and/or zeolites.

IPC 1-7  
**C11D 3/12**; **C11D 3/10**; **C11D 3/37**

IPC 8 full level  
**C11D 7/20** (2006.01); **C11D 3/00** (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 3/18** (2006.01); **C11D 3/37** (2006.01); **C11D 3/50** (2006.01); **C11D 7/12** (2006.01); **C11D 7/22** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)  
**C11D 3/0052** (2013.01); **C11D 3/10** (2013.01); **C11D 3/1253** (2013.01); **C11D 3/18** (2013.01); **C11D 3/3707** (2013.01); **C11D 3/3753** (2013.01); **C11D 3/3769** (2013.01); **C11D 3/3776** (2013.01); **C11D 17/0073** (2013.01); **C11D 17/06** (2013.01)

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)  
**WO 0060040 A1 20001012**; AR 023243 A1 20020904; AT E299525 T1 20050715; AU 4048700 A 20001023; BR 0009493 A 20020115; BR 0009493 B1 20101228; CA 2365957 A1 20001012; CN 1352678 A 20020605; DE 60021259 D1 20050818; DE 60021259 T2 20060427; EP 1165733 A1 20020102; EP 1165733 B1 20050713; ES 2244426 T3 20051216; GB 2348434 A 20001004; GB 9907568 D0 19990526; JP 2002541305 A 20021203; MX PA01009872 A 20020424

DOCDB simple family (application)  
**US 0008417 W 20000329**; AR P000101482 A 20000331; AT 00919866 T 20000329; AU 4048700 A 20000329; BR 0009493 A 20000329; CA 2365957 A 20000329; CN 00808042 A 20000329; DE 60021259 T 20000329; EP 00919866 A 20000329; ES 00919866 T 20000329; GB 9907568 A 19990401; JP 2000609532 A 20000329; MX PA01009872 A 20000329