

Title (en)  
Granular detergent compositions having improved solubility

Title (de)  
Granulierte Reinigungsmittel mit Löslichkeit

Title (fr)  
Compositions détergentes granulées à solubilité

Publication  
**EP 0219314 B2 19990623 (EN)**

Application  
**EP 86307799 A 19861009**

Priority  
US 78593185 A 19851009

Abstract (en)  
[origin: EP0219314A2] Spray dried granules containing high levels of certain surfactants dissolve rapidly.

IPC 1-7  
**C11D 1/37**; **C11D 3/08**; **C11D 11/02**

IPC 8 full level  
**C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/37** (2006.01); **C11D 3/065** (2006.01); **C11D 3/08** (2006.01); **C11D 3/12** (2006.01); **C11D 10/02** (2006.01); **C11D 11/02** (2006.01)

CPC (source: EP)  
**C11D 1/37** (2013.01); **C11D 3/08** (2013.01); **C11D 11/02** (2013.01); **C11D 1/14** (2013.01); **C11D 1/22** (2013.01)

Cited by  
GB2217340A; US5298183A; EP0352892A3; US5030379A; US6114297A; EP0889117A4; US6191096B1; US6458755B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0219314 A2 19870422**; **EP 0219314 A3 19881109**; **EP 0219314 B1 19930804**; **EP 0219314 B2 19990623**; AU 597909 B2 19900614; AU 6359486 A 19870416; CA 1337041 C 19950919; DE 3688820 D1 19930909; DE 3688820 T2 19940310; DE 3688820 T3 20000113; JP H07116477 B2 19951213; JP S62161898 A 19870717; NZ 217875 A 19900226

DOCDB simple family (application)  
**EP 86307799 A 19861009**; AU 6359486 A 19861008; CA 520141 A 19861008; DE 3688820 T 19861009; JP 24112986 A 19861009; NZ 21787586 A 19861009