

Title (en)  
HYDROCARBON ANTI-FOAM GRANULES

Publication  
**EP 0109247 B1 19880203 (EN)**

Application  
**EP 83306784 A 19831108**

Priority  
GB 8232050 A 19821110

Abstract (en)  
[origin: EP0109247A2] Anti-foam granules for use in detergent compositions to prevent over-foaming in automatic washing machines contain hydrophobic silica and a mixture of liquid and solid hydrocarbons. This active material is sorbed on a core material which produces a mechanical action on addition to water, for example sodium perborate monohydrate or gelatinised starch.

IPC 1-7  
**C11D 3/00**; **C11D 3/12**; **C11D 3/18**

IPC 8 full level  
**C11D 3/00** (2006.01); **C11D 3/12** (2006.01); **C11D 3/18** (2006.01)

CPC (source: EP)  
**C11D 3/0026** (2013.01); **C11D 3/124** (2013.01); **C11D 3/18** (2013.01)

Cited by  
EP0266863A1; GB2222598A; GB2222598B; EP0206522A3; GB2169308A; EP0213953A3; GB2179957A; US4818292A; GB2179957B; WO2006106384A1; WO2005005588A3; EP0342985B1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0109247 A2 19840523**; **EP 0109247 A3 19850403**; **EP 0109247 B1 19880203**; AT E32346 T1 19880215; AU 2103183 A 19840517; AU 554566 B2 19860828; DE 3375580 D1 19880310; GR 79717 B 19841031; NO 834071 L 19840511; PT 77642 A 19831201; PT 77642 B 19860512; ZA 838239 B 19850626

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**EP 83306784 A 19831108**; AT 83306784 T 19831108; AU 2103183 A 19831107; DE 3375580 T 19831108; GR 830172921 A 19831109; NO 834071 A 19831108; PT 7764283 A 19831110; ZA 838239 A 19831104