

Title (en)  
DETERGENT AND CLEANING AGENT

Title (de)  
WASCH- UND REINIGUNGSMITTEL

Title (fr)  
DETERGENT ET PRODUIT DE NETTOYAGE

Publication  
**EP 0991743 A1 20000412 (DE)**

Application  
**EP 98937453 A 19980608**

Priority  
• DE 19725508 A 19970617  
• EP 9803423 W 19980608

Abstract (en)  
[origin: DE19725508A1] The invention relates to a detergent and cleaning agent containing a combination of active substances consisting of a dirt-removing polymer and an alkane sulfonate and/or an alpha -olefin sulfonate.

IPC 1-7  
**C11D 3/00; C11D 1/14**

IPC 8 full level  
**C11D 1/14** (2006.01); **C11D 1/37** (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)  
**C11D 1/37** (2013.01 - EP US); **C11D 3/0036** (2013.01 - EP US); **C11D 3/3715** (2013.01 - EP US); **C11D 1/143** (2013.01 - EP US)

Citation (search report)  
See references of WO 9858044A1

Cited by  
WO2012104157A1; WO2012104158A1; EP2135931A1; WO2012104156A1; EP3272850A1

Designated contracting state (EPC)  
BE CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**DE 19725508 A1 19981224**; AR 016073 A1 20010620; AU 8624998 A 19990104; DE 59813922 D1 20070412; EP 0991743 A1 20000412; EP 0991743 B1 20070228; ES 2283066 T3 20071016; JP 2002504948 A 20020212; JP 4237269 B2 20090311; US 2002042354 A1 20020411; US 6514927 B2 20030204; WO 9858044 A1 19981223

DOCDB simple family (application)  
**DE 19725508 A 19970617**; AR P980102856 A 19980616; AU 8624998 A 19980608; DE 59813922 T 19980608; EP 9803423 W 19980608; EP 98937453 A 19980608; ES 98937453 T 19980608; JP 50367599 A 19980608; US 96946301 A 20011002