

Title (en)  
ENZYMATIC LIQUID DETERGENT

Title (de)  
ENZYMATISCHES FLÜSSIGWASCHMITTEL

Title (fr)  
DETERGENT ENZYMATIQUE LIQUIDE

Publication  
**EP 0555258 B1 19960424 (DE)**

Application  
**EP 91918230 A 19911025**

Priority  
• DE 4034840 A 19901102  
• EP 9102022 W 19911025

Abstract (en)  
[origin: WO9207930A1] Enzymatic detergents containing fatty alkyl sulphate and soap are more strongly stabilised by glycerine than by 1,2 propane diol. The soap consists of a mixture of salts of ethylenically unsaturated C12? to C18?-fatty acids and saturated C12? ot C18?-fatty acids in a proportion by weight of 3:1 to 1:3.

IPC 1-7  
**C11D 3/386**; **C11D 1/66**; **C11D 10/04**

IPC 8 full level  
**C11D 1/68** (2006.01); **C11D 1/66** (2006.01); **C11D 3/386** (2006.01); **C11D 10/04** (2006.01); **C11D 1/14** (2006.01)

CPC (source: EP)  
**C11D 1/662** (2013.01); **C11D 3/38663** (2013.01); **C11D 10/042** (2013.01); **C11D 1/14** (2013.01)

Cited by  
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Designated contracting state (EPC)  
AT BE CH DE ES FR IT LI NL

DOCDB simple family (publication)  
**WO 9207930 A1 19920514**; AT E137261 T1 19960515; DE 4034840 A1 19920507; DE 59107741 D1 19960530; EP 0555258 A1 19930818; EP 0555258 B1 19960424; ES 2085488 T3 19960601; JP H06502197 A 19940310

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**EP 9102022 W 19911025**; AT 91918230 T 19911025; DE 4034840 A 19901102; DE 59107741 T 19911025; EP 91918230 A 19911025; ES 91918230 T 19911025; JP 51688991 A 19911025