

Title (en)  
LIQUID, COLD-STABLE DETERGENT CONCENTRATE AND ITS USE

Publication  
**EP 0011166 B1 19820505 (DE)**

Application  
**EP 79104170 A 19791029**

Priority  
DE 2847438 A 19781102

Abstract (en)  
[origin: US4268262A] A clear, cold-stable liquid washing agent concentrate consisting essentially of: (A) from 22.5% to 35% by weight of a potassium soap of fatty acids having 12 to 18 carbon atoms and a melting point of below 55 DEG C., (B) from 5% to 9% by weight of an ethoxylated primary alcohol having 5 to 10 oxyethylene units, (C) from 4% to 10% by weight of a sodium C10-C14 alkylbenzenesulfonate, (D) from 0.05% to 1% by weight of at least one optical brightener, (E) from 0.1% to 5% by weight of potassium hydroxide. (F) from 0 to 6% by weight of triethanolamine, (G) from 8% to 20% by weight of at least one C1-3 alcohol, and (H) the remainder up to 100% of water, wherein the amount of water is at least 30% by weight and the concentration of the total of components (A) to (E) does not exceed 50% by weight of the concentrate. The washing agent concentrate can be employed in all type of washings of textiles in soft or hard waters, preferably in amounts of from 3 to 10 gm per kg of dry wash.

IPC 1-7  
**C11D 10/04**; **C11D 9/60**

IPC 8 full level  
**C11D 9/60** (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01); **C11D 1/14** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)  
**C11D 3/201** (2013.01 - EP US); **C11D 3/42** (2013.01 - EP US); **C11D 10/04** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US);  
**C11D 1/72** (2013.01 - EP US)

Cited by  
GB2187749A; GB2187749B; FR2526038A1; AU588979B2; US6506714B1; WO02061024A3

Designated contracting state (EPC)  
AT BE CH FR GB NL

DOCDB simple family (publication)  
**EP 0011166 A1 19800528**; **EP 0011166 B1 19820505**; AT 374823 B 19840612; AT A703679 A 19831015; AT E975 T1 19820515;  
DE 2847438 A1 19800522; DE 2847438 C2 19880324; DK 146341 B 19830912; DK 146341 C 19840220; DK 419879 A 19800503;  
US 4268262 A 19810519

DOCDB simple family (application)  
**EP 79104170 A 19791029**; AT 703679 A 19791031; AT 79104170 T 19791029; DE 2847438 A 19781102; DK 419879 A 19791005;  
US 8647879 A 19791019