

Title (en)
Aqueous cleaning formulations

Title (de)
Wässrige Reinigungsformulierungen

Title (fr)
Formulations nettoyantes aqueuses

Publication
EP 1077250 B1 20050126 (EN)

Application
EP 00305606 A 20000703

Priority
GB 9919324 A 19990816

Abstract (en)
[origin: EP1077250A1] An aqueous composition comprising (i) at least one metal hydroxide and/or metal silicate; (ii) a surfactant mixture comprising at least one alkyl glucoside and at least one nonionic surfactant; (iii) a quaternary ammonium disinfectant; (iv) a hydrotroping agent; and (v) optionally a chelating agent for use in the cleaning of milking and milk storage equipment such as bulk milk tanks, milk pipelines etc.

IPC 1-7
C11D 1/94; **C11D 3/02**; **C11D 3/08**

IPC 8 full level
C11D 1/825 (2006.01); **C11D 1/94** (2006.01); **C11D 3/02** (2006.01); **C11D 3/08** (2006.01); **C11D 3/48** (2006.01); **C11D 1/62** (2006.01); **C11D 1/66** (2006.01); **C11D 1/88** (2006.01); **C11D 1/90** (2006.01)

CPC (source: EP)
C11D 1/825 (2013.01); **C11D 1/94** (2013.01); **C11D 3/044** (2013.01); **C11D 3/08** (2013.01); **C11D 3/48** (2013.01); **C11D 1/62** (2013.01); **C11D 1/662** (2013.01); **C11D 1/883** (2013.01); **C11D 1/90** (2013.01)

Citation (examination)
• US 5102874 A 19920407 - LINTNER KARL [DE], et al
• WO 9919438 A1 19990422 - STEPAN CO [US], et al

Cited by
EP1290943A1; US8329633B2; US8287659B2; US8232239B2; US8367601B2; US8262805B2; US8460477B2; US8283302B2; US8389457B2; US8557760B2; US11834624B2; WO2023275269A1; US8299009B2; US8658584B2; US8877703B2; US9089251B2; US10035975B2; US10655085B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1077250 A1 20010221; **EP 1077250 B1 20050126**; AT E287941 T1 20050215; DE 60017648 D1 20050303; DE 60017648 T2 20060330; DK 1077250 T3 20050530; GB 9919324 D0 19991020

DOCDB simple family (application)
EP 00305606 A 20000703; AT 00305606 T 20000703; DE 60017648 T 20000703; DK 00305606 T 20000703; GB 9919324 A 19990816