

Title (en)
VISCOUS AQUEOUS SURFACTANT PREPARATIONS

Title (de)
VISKOSE WÄSSRIGE TENSIDZUBEREITUNGEN

Title (fr)
PREPARATIONS TENSIOACTIVES VISQUEUSES AQUEUSES

Publication
EP 0670877 B1 19961204 (DE)

Application
EP 93924051 A 19931026

Priority
• DE 4239679 A 19921126
• EP 9302963 W 19931026

Abstract (en)
[origin: DE4239679A1] The invention concerns dilute aqueous formulations containing 2 to 10 % by wt. of an alkyl glycoside of the formula $R_{<1>-}O(G)_n$ in which $R_{<1>}$ is an alkyl residue with 8 to 22 C-atoms, G is a glucose unit and n is a number between 1 and 10. The aim of the invention is improve the ease to handling of such formulations under the conditions of use while reducing the content of non-alkyl-glycosidic active substance in the formulation to the minimum. This is achieved essentially by the addition, to increase the viscosity, of 0.05 to 2 % by wt. of an ether sulphate of the formula $R_{<2>-}O-(CpH_2pO)_qSO_3X$ in which $R_{<2>}$ is an alkyl or alkenyl residue with 8 to 22 C-atoms and up to 3 C-C double bonds, p is the number 2 or 3, q is a number from 1 to 10 and X is an alkali-metal ion, an ammonium ion or an alkyl-substituted or hydroxyalkyl-substituted ammonium ion, the ratio by weight of alkyl glycoside to ether sulphate being 35:1 to 3:1.

IPC 1-7
C11D 1/83; **C11D 17/00**

IPC 8 full level
C11D 1/83 (2006.01); **C11D 17/00** (2006.01); **C11D 1/29** (2006.01); **C11D 1/66** (2006.01)

CPC (source: EP)
C11D 1/83 (2013.01); **C11D 17/003** (2013.01); **C11D 1/29** (2013.01); **C11D 1/662** (2013.01)

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
DE 4239679 A1 19940601; DE 59304705 D1 19970116; EP 0670877 A1 19950913; EP 0670877 B1 19961204; WO 9412601 A1 19940609

DOCDB simple family (application)
DE 4239679 A 19921126; DE 59304705 T 19931026; EP 9302963 W 19931026; EP 93924051 A 19931026