

Title (en)
MIXTURES OF QUATERNARY AND NON-IONIC SURFACTANTS

Title (de)
MISCHUNGEN VON QUATERNÄREN UND NICHTIONISCHEN TENSIDEN

Title (fr)
MELANGES DE TENSIOACTIFS QUATERNAIRES ET NON-IONIQUES

Publication
EP 1807044 A1 20070718 (DE)

Application
EP 05800392 A 20051027

Priority

- EP 2005011482 W 20051027
- DE 102004054035 A 20041105

Abstract (en)
[origin: WO2006048165A1] The invention relates to preparations containing (a) alkyl- and/or alkenyl oligoglycosides of formula (I), $R^{1}-O-[G]_{p}$, in which R^1 represents a linear or branched alkyl- and/or alkenyl group comprising between 4 and 22 carbon atoms, G represents a sugar group comprising 5 or 6 carbon atoms and p represents a number from 1 to 10 and (b) cationic alkyl- and/or alkenyl oligoglycoside derivatives of formula (II), $R^{2}-O-[G]_{x}-Z_{y}$, in which R^2 represents a linear or branched alkyl- and/or alkenyl group comprising between 4 and 22 carbon atoms, G represents a sugar group comprising 5 or 6 carbon atoms, x represents a number from 1 to 10, y represents a number from 1 to 4 and Z represents an $-OCH_2-(CH(B))_v-$ $(CH(A))_w-N^{+}(R^3)_4-R^4$ group, in which A and B independently of one another represent hydrogen or a hydroxyl group, v and w independently of one another represent a number from 1 to 18, X is an anion, which is selected from the group containing chloride, bromide, iodide, fluoride, NO_3^-

IPC 8 full level
A61K 8/60 (2006.01); **C07H 15/04** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP US)
A61K 8/604 (2013.01 - EP US); **A61Q 5/00** (2013.01 - EP US); **A61Q 19/10** (2013.01 - EP US); **C07H 15/04** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/835** (2013.01 - EP US); **A61K 2800/596** (2013.01 - EP US)

Citation (search report)
See references of WO 2006048165A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 102004054035 A1 20060511; CN 101052374 A 20071010; EP 1807044 A1 20070718; JP 2008518989 A 20080605; US 2008119414 A1 20080522; WO 2006048165 A1 20060511

DOCDB simple family (application)
DE 102004054035 A 20041105; CN 200580037691 A 20051027; EP 05800392 A 20051027; EP 2005011482 W 20051027; JP 2007539503 A 20051027; US 71852705 A 20051027