

Title (en)

SILICONE MONOMERS AND OLIGOMERS HAVING A CARBOXYL FUNCTIONAL GROUP THEREON

Title (de)

EINE CARBOXYLGRUPPE ENTHALTENDE SILIKONMONOMERE UND -OLIGOMERE

Title (fr)

MONOMERES ET OLIGOMERES A SILICONE CONTENANT UN GROUPE FONCTIONNEL CARBOXYLE

Publication

**EP 0951468 A1 19991027 (EN)**

Application

**EP 97949573 A 19971120**

Priority

- US 9721479 W 19971120
- US 75497496 A 19961122
- US 91138297 A 19970814

Abstract (en)

[origin: WO9822478A1] There is provided organosilane compounds containing one or more carboxyl acid group(s) that may be represented by general formula (I) wherein: R which can be the same or different, are hydrogen, and monovalent hydrocarbon radicals and substituted hydrocarbon radicals; R<1> which can be the same or different can be substituted or unsubstituted alkyl, substituted or unsubstituted aryl, alkenyl, alkynyl or -R<2> -BnI -Fn -R<3>; x can be zero to 3; R<2> is linear or branched alkylene of 1-12 carbon atoms; B is -NR<6>, sulfur or oxygen; R<6> is hydrogen or lower alkyl (C1-6); n<1> is zero or 1; F is linear or branched alkylene of 1-10 carbon atoms; n is zero or 1, with the proviso that if n<1> is 1, n is 1 and if n<1> is 0, n is 0; R<3> is (II); R<5> is hydrogen, lower alkyl (C1-6) or alkali metal.

IPC 1-7

**C07F 7/02**; **C07F 7/10**

IPC 8 full level

**C07F 7/10** (2006.01); **C07F 7/08** (2006.01); **C07F 7/18** (2006.01); **C08G 77/04** (2006.01); **C08G 77/26** (2006.01); **C08G 77/388** (2006.01)

CPC (source: EP)

**C07F 7/0838** (2013.01); **C07F 7/1804** (2013.01); **C07F 7/1896** (2013.01); **C08G 77/045** (2013.01); **C08G 77/14** (2013.01); **C08G 77/20** (2013.01); **C08G 77/388** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9822478 A1 19980528**; AU 729287 B2 20010201; AU 7300898 A 19980610; CA 2272557 A1 19980528; DE 02080416 T1 20040415; EP 0951468 A1 19991027; EP 0951468 A4 20010606; EP 1314736 A2 20030528; EP 1314736 A3 20040102; ES 2195803 T1 20031216; JP 2001524071 A 20011127

DOCDB simple family (application)

**US 9721479 W 19971120**; AU 7300898 A 19971120; CA 2272557 A 19971120; DE 02080416 T 19971120; EP 02080416 A 19971120; EP 97949573 A 19971120; ES 02080416 T 19971120; JP 52395598 A 19971120