

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 A4 20010606 (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**; **C07F 7/18**

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)

Citation (search report)

- [X] EP 0256643 A2 19880224 - STEEPER HUGH LTD [GB]
- See references of WO 9822478A1

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