

Title (en)  
ORGANOSILICONE COPOLYMERS

Title (de)  
ORGANOSILICONCOPOLYMER

Title (fr)  
COPOLYMÈRES DE TYPE ORGANOSILICONES

Publication  
**EP 2004728 A2 20081224 (DE)**

Application  
**EP 07729528 A 20070525**

Priority  
• EP 2007055099 W 20070525  
• DE 102006025668 A 20060601

Abstract (en)  
[origin: WO2007138010A2] The invention relates to organosilicone copolymers (O) obtained by radically polymerizing A1) ethylenically unsaturated monomers selected among N-methylolacrylamide (NMA), N-methylolmethacrylamide, N-methylolallylcarbamate, alkyl ethers or esters of N-methylolacrylamide, N-methylolmethacrylamide, and N-methylolallylcarbamate, with A2) ethylenically unsaturated monomers selected among vinyl esters, (meth)acrylic acid esters, vinyl aromatics, olefins, 1,3-dienes, vinyl ethers, and vinyl halides, and A3) optional auxiliary monomers, and B) ethylenically monounsaturated or polyunsaturated polyorganosiloxanes in an aqueous medium.

IPC 8 full level  
**C08G 77/388** (2006.01); **C08F 283/12** (2006.01); **C08G 77/442** (2006.01); **C08L 51/08** (2006.01); **C08L 83/10** (2006.01); **C09D 151/08** (2006.01); **C09D 183/10** (2006.01)

CPC (source: EP KR US)  
**C08F 283/12** (2013.01 - EP KR US); **C08F 290/06** (2013.01 - KR); **C08G 77/442** (2013.01 - EP KR US); **C08L 51/085** (2013.01 - EP US); **C08L 83/10** (2013.01 - KR); **C09D 151/085** (2013.01 - EP US); **C09D 183/10** (2013.01 - EP US); **D04H 1/425** (2013.01 - EP US); **D04H 1/426** (2013.01 - EP US); **D04H 1/4334** (2013.01 - EP US); **D04H 1/435** (2013.01 - EP US); **D04H 1/4358** (2013.01 - EP US); **D04H 1/587** (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US); **D06M 15/227** (2013.01 - EP US); **D06M 15/244** (2013.01 - EP US); **D06M 15/263** (2013.01 - EP US); **D06M 15/29** (2013.01 - EP US); **D06M 15/347** (2013.01 - EP US); **D06M 15/3568** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007138010A2

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**DE 102006025668 A1 20071206**; CN 101460544 A 20090617; CN 101460544 B 20110907; EP 2004728 A2 20081224;  
JP 2009538945 A 20091112; KR 20080112402 A 20081224; US 2009186982 A1 20090723; WO 2007138010 A2 20071206;  
WO 2007138010 A3 20080410

DOCDB simple family (application)  
**DE 102006025668 A 20060601**; CN 200780020193 A 20070525; EP 07729528 A 20070525; EP 2007055099 W 20070525;  
JP 2009512560 A 20070525; KR 20087028507 A 20081121; US 30235107 A 20070525