

Title (en)
CROSSLINKABLE ADHESIVE SILICONE COMPOSITION COMPRISING AS GELLING AGENT A COMPOUND WITH CYCLIC AMINE FUNCTION BORNE BY A SILOXANE CHAIN

Title (de)
HÄRTBARE POLSILOXANKLEBESTOFFZUSAMMENSETZUNG DIE EINE THIXOTROPIERENDE VERBINDUNG MIT HETEROCYCLISCHEN AMINGRUPPEN-ENTHALTENDE SILOXANKETTEN ENTHÄLT

Title (fr)
COMPOSITION SILICONE ADHESIVE RETICULABLE COMPRENANT COMME AGENT THIXOTROPANT UN COMPOSE A FONCTION AMINE CYCLIQUE PORTEE PAR UNE CHAINE SILOXANIQUE

Publication
EP 1446454 A1 20040818 (FR)

Application
EP 02785565 A 20021030

Priority
• FR 0203733 W 20021030
• FR 0114151 A 20011031

Abstract (en)
[origin: WO03037987A1] The invention more particularly concerns self-adhesive silicone elastomeric compositions crosslinked by addition reaction, having modified rheological properties. Thus the invention concerns a crosslinkable adhesive silicone composition comprising a polyorganosiloxane (POS) with (alpha , omega -di-Vi polydimethylsiloxane) Si-Vi units; a crosslinking POS with SiH units; a platinum catalyst; a filler; and optionally an adherence promoter comprising vinyltrimethoxysilane, 3-glycidoxy-propyltrimethoxysilane and butyl titanate and/or a cross-linkage inhibitor and/or a MMViDDViQ or MDViQ or MMViQ unsaturated POS. Said composition is characterized in that it further comprises a polyorganosiloxane having per mole at least a piperidinyl function. The invention aims at providing a crosslinkable elastomeric silicone composition having rheological properties fully adapted to enable successful use of the composition for bonding various substrates as well as for performing moulding operations requiring non-flowable materials.

IPC 1-7
C08L 83/04; **C09J 183/04**

IPC 8 full level
C08L 83/04 (2006.01); **C09J 183/04** (2006.01)

CPC (source: EP US)
C08L 83/00 (2013.01 - EP US); **C08L 83/04** (2013.01 - EP US); **C09J 183/04** (2013.01 - EP US); **C08G 77/12** (2013.01 - EP US); **C08G 77/14** (2013.01 - EP US); **C08G 77/16** (2013.01 - EP US); **C08G 77/18** (2013.01 - EP US); **C08G 77/20** (2013.01 - EP US); **C08G 77/24** (2013.01 - EP US); **C08G 77/26** (2013.01 - EP US); **C08G 77/70** (2013.01 - EP US); **C08G 77/80** (2013.01 - EP US); **C08L 2666/28** (2013.01 - EP US); **C08L 2666/44** (2013.01 - EP US)

Citation (search report)
See references of WO 03037987A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03037987 A1 20030508; BR 0213917 A 20040831; EP 1446454 A1 20040818; FR 2831548 A1 20030502; FR 2831548 B1 20040130; US 2005020738 A1 20050127

DOCDB simple family (application)
FR 0203733 W 20021030; BR 0213917 A 20021030; EP 02785565 A 20021030; FR 0114151 A 20011031; US 49393904 A 20040818