

Title (en)

USE OF A PRETREATED SILICA IN A SILICONE COMPOSITION CROSSLINKABLE BY POLYCONDENSATION, AS AGENT FOR STABILIZING MOULDS OBTAINED FROM SAID COMPOSITION

Title (de)

VERWENDUNG EINER VORBEHANDELTEN KIESELSÄURE IN EINER DURCH POLYKONDENSATION VERNETZBAREN ZUSAMMENSETZUNG ALS STABILISATOR DER DARAUS HERGESTELLTEN FORMEN

Title (fr)

UTILISATION D'UNE SILICE PRETRAITEE DANS UNE COMPOSITION SILICONE RETICULABLE PAR POLYCONDENSATION, COMME AGENT DE STABILISATION DE MOULES OBTENUS A PARTIR DE CETTE COMPOSITION

Publication

**EP 1483322 A2 20041208 (FR)**

Application

**EP 03718918 A 20030228**

Priority

- CN 02123133 A 20020301
- FR 0300655 W 20030228

Abstract (en)

[origin: WO03074602A2] The invention concerns the use, for improving the life span of moulds made of silicone elastomer crosslinking by polycondensation reaction, of additive capable of stabilizing the silicone elastomer constituting the moulds with respect to materials to be moulded and in particular polyester resins. Said stabilizing agent is based on silica pretreated with a silane. Preferably, it consists of a ground silica-based quartz pretreated with a silane.

IPC 1-7

**C08K 9/06**; **C08L 83/04**; **B29C 33/38**

IPC 8 full level

**B29C 33/40** (2006.01); **C08K 5/54** (2006.01); **C08K 9/06** (2006.01); **C08L 83/04** (2006.01); **C09C 1/28** (2006.01); **C09C 3/12** (2006.01); **B29K 21/00** (2006.01)

CPC (source: EP US)

**B29C 33/405** (2013.01 - EP US); **C08K 9/06** (2013.01 - EP US); **B29K 2883/00** (2013.01 - EP US)

C-Set (source: EP US)

**C08K 9/06** + **C08L 83/04**

Citation (search report)

See references of WO 03074602A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

**WO 03074602 A2 20030912**; **WO 03074602 A3 20040304**; AU 2003222952 A1 20030916; CA 2477492 A1 20030912; CN 100386372 C 20080507; CN 1442444 A 20030917; EP 1483322 A2 20041208; JP 2005536576 A 20051202; TW 200424263 A 20041116; TW I289585 B 20071111; US 2005171278 A1 20050804

DOCDB simple family (application)

**FR 0300655 W 20030228**; AU 2003222952 A 20030228; CA 2477492 A 20030228; CN 02123133 A 20020301; EP 03718918 A 20030228; JP 2003573064 A 20030228; TW 92104218 A 20030227; US 50620705 A 20050311