

Title (en)
CROSSLINKING OF HYDRIDOSILOXANES WITH SILICON(II) COMPOUNDS

Title (de)
VERNETZUNG VON HYDRIDOSILOXANEN MIT SILICIUM(II)-VERBINDUNGEN

Title (fr)
RÉTICULATION D'HYDRIDOSILOXANES AVEC DES COMPOSÉS DE SILICIUM(II)

Publication
EP 3596157 A1 20200122 (DE)

Application
EP 17725580 A 20170523

Priority
EP 2017062426 W 20170523

Abstract (en)
[origin: WO2018215056A1] The subject of the invention is a method for preparing crosslinked polysiloxanes, in which (A) hydridosiloxane having lateral SiH functions is reacted in the presence of (B) compound comprising at least one cationic Si(II) group, a crosslinkable mixture (M1), consisting of (A) hydridosiloxane having lateral SiH functions and (B) compound comprising at least one cationic Si(II) group, a crosslinkable mixture (M2), consisting of (A) hydridosiloxane having lateral SiH functions, (B) compound comprising at least one cationic Si(II) group and (C) additives that do not react with A and B, and a method for preparing hydridosilanes, in which (A) hydridosiloxane having lateral SiH functions is reacted in the presence of (B) compound comprising at least one cationic Si(II) group.

IPC 8 full level
C08G 77/08 (2006.01); **C08G 77/10** (2006.01); **C08K 5/54** (2006.01); **C08K 5/544** (2006.01); **C08L 83/04** (2006.01)

CPC (source: EP KR US)
C08G 77/06 (2013.01 - US); **C08G 77/08** (2013.01 - EP KR); **C08G 77/10** (2013.01 - EP KR); **C08G 77/12** (2013.01 - EP KR US); **C08K 5/54** (2013.01 - KR); **C08L 83/04** (2013.01 - EP KR); **C08L 2312/00** (2013.01 - EP)

Citation (search report)
See references of WO 2018215056A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018215056 A1 20181129; CN 110662790 A 20200107; EP 3596157 A1 20200122; JP 2020521033 A 20200716; KR 20190137916 A 20191211; US 2020207919 A1 20200702

DOCDB simple family (application)
EP 2017062426 W 20170523; CN 201780091165 A 20170523; EP 17725580 A 20170523; JP 2019564855 A 20170523; KR 20197034536 A 20170523; US 201716616173 A 20170523