

Title (en)
SILICON-BORON-CARBON-NITROGEN CERAMICS AND PRECURSOR COMPOUNDS, METHODS FOR THE SALT-FREE POLYMERIZATION

Title (de)
SILICIUM-BOR-KOHLENSTOFF-STICKSTOFF-KERAMIKEN UND VORLÄUFERVERBINDUNGEN UND VERFAHREN ZUR SALZFREIEN POLYMERISATION

Title (fr)
CÉRAMIQUES SILICIUM-BORE-CARBONE-AZOTE ET COMPOSÉS PRÉCURSEURS, PROCÉDÉS DE POLYMÉRISATION SANS SEL

Publication
EP 2262849 A1 20101222 (DE)

Application
EP 09729999 A 20090407

Priority
• EP 2009002569 W 20090407
• DE 102008018062 A 20080409

Abstract (en)
[origin: WO2009124725A1] The present invention relates to novel methods for the salt-free polymerization of boron silyl amines, which have the structural characteristic Si-N-B, and boron hydrocarbonss, which have the structural characteristic Si-X-B, wherein X can be a methylene group or a hydrocarbon chain C_xH_y or a cyclic hydrocarbon unit, by reaction with disilazanes R₃Si-NR-SiR₃.

IPC 8 full level
C08G 77/60 (2006.01); **C04B 35/589** (2006.01)

CPC (source: EP US)
C04B 35/573 (2013.01 - EP US); **C04B 35/589** (2013.01 - EP US); **C08G 77/60** (2013.01 - EP US)

Citation (search report)
See references of WO 2009124725A1

Cited by
CN109438712A

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008018062 A1 20091015; CN 101990553 A 20110323; CN 101990553 B 20130626; EP 2262849 A1 20101222; JP 20111516676 A 20110526; US 2011028302 A1 20110203; US 8354489 B2 20130115; WO 2009124725 A1 20091015

DOCDB simple family (application)
DE 102008018062 A 20080409; CN 200980112620 A 20090407; EP 09729999 A 20090407; EP 2009002569 W 20090407; JP 2011503372 A 20090407; US 93660009 A 20090407