

Title (en)

COMPOSITIONS COMPRISING ALKOXYSILANE-CONTAINING ISOCYANATES AND ACID STABILISERS

Title (de)

ZUSAMMENSETZUNGEN UMFASSEND ALKOXYSILANHALTIGE ISOCYANATE UND SAURE STABILISATOREN

Title (fr)

COMPOSITIONS À BASE D'ISOCYANATES CONTENANT DES ALKOXYSILANES ET DES STABILISATEURS ACIDES

Publication

EP 2912042 A1 20150902 (DE)

Application

EP 13770445 A 20130925

Priority

- DE 102012219324 A 20121023
- EP 2013069929 W 20130925

Abstract (en)

[origin: WO2014063895A1] The present invention relates to a composition comprising (A) an isocyanate of formula (I) $\text{OCN-A-SiR}_1\text{R}_2\text{R}_3$ (I), and B) a Brønstedt or Lewis acid or a compound releasing a Brønstedt or Lewis acid at room temperature. In a particular embodiment component B) is described according to formula (II): R5 is halogen, -CO-halogen or -CH₂-halogen, R6 is hydrogen, -CH₂-halogen, halogen and -CO-halogen. The acid components serve as stabilisers in order to increase the storage life of alkoxy-containing isocyanates produced according to phosgene-free methods. Also claimed are a method for producing a stabilised alkoxysilane-containing isocyanate which comprises the step of adding a Lewis or Brønstedt acid or a compound releasing a Brønstedt or Lewis acid at room temperature to an alkoxysilane-containing isocyanate.

IPC 8 full level

C07F 7/18 (2006.01)

CPC (source: EP US)

C07F 7/1804 (2013.01 - EP US); **C07F 7/1892** (2013.01 - US); **C08G 18/32** (2013.01 - US); **C08G 18/34** (2013.01 - US); **C08G 18/3819** (2013.01 - US); **C08G 18/3876** (2013.01 - US); **C08G 18/718** (2013.01 - US)

Citation (search report)

See references of WO 2014063895A1

Citation (examination)

- EP 0505150 A1 19920923 - MITSUI TOATSU CHEMICALS [JP]
- DE 2837770 A1 19800313 - BASF AG

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)

DE 102012219324 A1 20140424; CN 104718215 A 20150617; EP 2912042 A1 20150902; JP 2015533842 A 20151126; US 2015274760 A1 20151001; US 9593135 B2 20170314; WO 2014063895 A1 20140501

DOCDB simple family (application)

DE 102012219324 A 20121023; CN 201380054909 A 20130925; EP 13770445 A 20130925; EP 2013069929 W 20130925; JP 2015538355 A 20130925; US 201314433186 A 20130925