

Title (en)  
PROCESS FOR HYDROSILYLATION WITH ADDITION OF ORGANIC SALTS

Title (de)  
VERFAHREN ZUR HYDROSILYLIERUNG UNTER ZUSATZ ORGANISCHER SALZE

Title (fr)  
PROCÉDÉ D'HYDROSILYLATION SOUS ADDITION DE SELS ORGANIQUES

Publication  
**EP 3110823 A1 20170104 (DE)**

Application  
**EP 15707311 A 20150220**

Priority  
• DE 102014203770 A 20140228  
• EP 2015053621 W 20150220

Abstract (en)  
[origin: WO2015128260A1] The invention relates to a process for addition of Si-bonded hydrogen onto aliphatic carbon-carbon multiple bonds by reaction of (A) organosilicon compounds having Si-bonded hydrogen atoms with (B) compounds having aliphatic carbon-carbon multiple bonds, in the presence of (C) metal catalyst which promotes the addition of Si-bonded hydrogen onto aliphatic multiple bonds in an amount of 1 to 500 molar ppm, based on the component (A) or (B) used in deficiency, and (D) at least one organic salt of the general formula [A] + [Y] - (5) where [Y] - is an inorganic or organic anion and [A] + is an organic cation containing at least one heteroatom selected from nitrogen, phosphorus, oxygen and sulfur, in an amount of 0.01 to 10 mol%, based on the component (A) or (B) in deficiency, with the proviso that the molar ratio of metal atom in component (C) to salt (D) is 1:1 to 1:500.

IPC 8 full level  
**C07F 7/08** (2006.01)

CPC (source: CN EP KR US)  
**B01J 27/10** (2013.01 - KR); **B01J 27/13** (2013.01 - KR); **C07F 7/0829** (2013.01 - EP KR US); **C07F 7/122** (2013.01 - CN);  
**C07F 7/14** (2013.01 - US)

Citation (search report)  
See references of WO 2015128260A1

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 102014203770 A1 20150903**; CN 106029681 A 20161012; EP 3110823 A1 20170104; JP 2017510565 A 20170413;  
JP 6224265 B2 20171101; KR 101861727 B1 20180629; KR 20160113229 A 20160928; US 2017101424 A1 20170413;  
WO 2015128260 A1 20150903

DOCDB simple family (application)  
**DE 102014203770 A 20140228**; CN 201580009956 A 20150220; EP 15707311 A 20150220; EP 2015053621 W 20150220;  
JP 2016554485 A 20150220; KR 20167023224 A 20150220; US 201515121994 A 20150220