

Title (en)  
PROCESS FOR THE PREPARATION OF ORGANOSILANES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON ORGANOSILANEN

Title (fr)  
PROCÉDÉ DE PREPARATION DES ORGANOSILANES

Publication  
**EP 2493900 A1 20120905 (DE)**

Application  
**EP 10765648 A 20101019**

Priority  
• DE 102009046121 A 20091028  
• EP 2010065668 W 20101019

Abstract (en)  
[origin: WO2011051133A1] The invention relates to a process for preparing diorganyldihalosilanes of the general formula (1)  $R_2SiX_2$  (1), in which dihalodihydrosilanes of the general formula (2)  $X_2SiH_2$  (2), in a mixture with silanes of the general formula (3)  $R'_3SiH$  (3), are reacted with halogenated hydrocarbons of the general formula (4)  $R-X$  (4), in the presence of a free-radical initiator, which is selected from alkanes, diazenes and organodisilanes, where R is a monovalent C1-C18 hydrocarbon radical, R' is a monovalent C1-C18 hydrocarbon radical, hydrogen or halogen, and X is halogen.

IPC 8 full level  
**C07F 7/12** (2006.01)

CPC (source: EP KR US)  
**B01J 19/24** (2013.01 - KR); **C07F 7/12** (2013.01 - KR); **C07F 7/122** (2013.01 - EP US); **C07F 7/123** (2013.01 - EP US);  
**C07F 7/125** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011051133A1

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

DOCDB simple family (publication)  
**DE 102009046121 A1 20110505**; CN 102596971 A 20120718; EP 2493900 A1 20120905; JP 2013508433 A 20130307;  
JP 5426033 B2 20140226; KR 20120048036 A 20120514; US 2012296106 A1 20121122; WO 2011051133 A1 20110505

DOCDB simple family (application)  
**DE 102009046121 A 20091028**; CN 201080049335 A 20101019; EP 10765648 A 20101019; EP 2010065668 W 20101019;  
JP 2012535740 A 20101019; KR 20127008279 A 20101019; US 201013497673 A 20101019