

Title (en)
METHOD FOR PRODUCING OLIGOHALOGEN SILANES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON OLIGOHALOGENSILANEN

Title (fr)
PROCÉDÉ DE FABRICATION D'OLIGOHALOGÉNOSILANES

Publication
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Application
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Abstract (en)
[origin: WO2010149545A1] The invention relates to a method for producing oligohalogen silanes, selected from oligohalogen silanes of the general formulas (1) and (2): $\text{Si}_n\text{X}_{2n+2}$ (1), Si_mX_{2m} (2), wherein a mixture comprising silicon and metal halogenide selected from Ti, Zr, Hf, V, Nb, Mo, W, Fe, Co, Ni, Cu, Cd, In, Sn, P, Sb, Bi, S, Se, Te and Pb and mixtures thereof is converted at a temperature of -125°C to 1100°C and the oligohalogen silanes formed are removed by means of a carrier gas selected from N_2 , noble gases, CH_3Cl , HCl , CO_2 , CO , H_2 , and SiCl_4 , where X is selected from Cl, Br and I, n is a whole number from 2 to 10, and m is a whole number from 3 to 10.

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