

Title (en)

PRODUCTION OF ORGANOSILANES IN THE PRESENCE OF IRIIDIUM-CATALYSTS AND COCATALYSTS

Title (de)

HERSTELLUNG VON ORGANOSILANEN IN GEGENWART VON IRIIDIUM-KATALYSATOREN UND COKATALYSATOREN

Title (fr)

PRODUCTION D'ORGANOSILANES EN PRESENCE DE CATALYSEURS DE TYPE IRIIDIUM ET DE COCATALYSEURS

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Application

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Abstract (en)

[origin: WO2006045533A1] The invention relates to a method for producing silanes of general formula (I)  $R^6R^5CH-R^4CH-SiR^1R^2R^3$  (I), wherein silanes of general formula (II)  $HsiR^1R^2R^3$  (II) are reacted with alkenes and/or allcynes of general formula (III)  $R^6R^5C=CHR^4$  (III), in the presence of iridium compounds as catalysts and in the presence of cocatalysts according to claim 1. The amount of cocatalysts is between 0.5 wt.-% to 5.0 wt.-%, in relation to the total weight of the used components of general formulae (II) and (III). According to the invention,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$  and R have the meaning cited in claim 1.

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