

Title (en)  
PROCESS FOR PREPARING BIS- AND TRIS(SILYLOGRANO)AMINES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON BIS- UND TRIS(SILYLOGRANO)AMINEN

Title (fr)  
PROCÉDÉ DE PRODUCTION DE BIS ET TRIS(SILYL-ORGANO)AMINES

Publication  
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Application  
**EP 10700566 A 20100119**

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Abstract (en)  
[origin: WO2010086254A1] The invention provides a process for preparing silylorganoamines of the general formula (1) R<sup>3</sup>-nR<sup>1</sup> nSi-R<sup>2</sup>-NR<sup>3</sup>-R<sup>4</sup>-SiR<sup>3</sup>-mR<sup>5</sup> m (1) by reacting (aminoorganyl)silanes of the general formula (2), H-NR<sup>3</sup>-R<sup>4</sup>-SiR<sup>3</sup>-mR<sup>5</sup> m (2) with (haloorganyl)silanes of the general formula (3) R<sup>3</sup>-nR<sup>1</sup> nSi-R<sup>2</sup>-X (3), where R<sup>3</sup>, R<sup>4</sup>, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, X, m and n are each defined as per claim 1, said reaction comprising the following steps: a) reacting the (haloorganyl)silane of the general formula (3) and the (aminoorganyl)silane of the general formula (2) at a temperature of 0 to 250 °C to form, as well as the silylorganoamine of the general formula (1), the ammonium halide of the (aminoorganyl)silane of the general formula (2) as a by-product, b) adding a base (B), which results in complete or partial ester interchange, in which the (aminoorganyl)silane of the general formula (2) is released again and forms the halide of the base (B), the halide of the base (B) being liquid at temperatures of at most 200 °C, and c) removing the liquid halide formed from the base (B).

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