

Title (en)  
METHOD FOR PRODUCING NITRIDES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON NITRIDEN UND ANWENDUNGEN ALS FLUORESZENZMARKER UND LEUCHTDIODE

Title (fr)  
PROCEDE DE PREPARATION DE NITRURES

Publication  
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Application  
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Abstract (en)  
[origin: WO03091822A2] The invention relates to a method for producing nitrides of formula  $Ga_{1-x}In_xN$ , wherein  $0.01 \leq x \leq 1$ , wherein one or more compounds of general formula  $M(NR_2)_3$ , wherein all R's independently represent H, linear or branched -C1-8-alkyl or -SiR<x> 2, R<x> is equally linear or branched -C1-8-alkyl, and M represents Ga, In or  $Ga_{1-x}In_x$ , are reacted with ammonia and the one or more compounds  $M(NR_2)_3$  are selected in such a way that the ratio 1-x Ga to x In is also obtained in said compounds.

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