

Title (en)  
3-AMINOMETHYL-1-CYCLOHEXYLAMINE, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
3-AMINOMETHYL-1-CYCLOHEXYLAMIN UND EIN VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
3-AMINOMÉTHYL-1-CYCLOHEXYLAMINE ET PROCÉDÉ DE PRODUCTION DE CELLE-CI

Publication  
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Application  
**EP 09780486 A 20090713**

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Abstract (en)  
[origin: WO2010009994A2] The invention relates to 3-aminomethyl-1-cyclohexylamine and a method for the production thereof by a) reacting cyclohexanone with hydrogen cyanide in the presence of a basic catalyst, b) reacting the cyclohexanone nitrile obtained in step a) with ammonia in the presence of an imine-forming catalyst, and c) reacting the reaction mixture that is obtained in step b) and contains 3-cyanocyclohexylimine with hydrogen and ammonia on hydrogenation catalysts. The invention further relates to the use of 3-aminomethyl-1-cyclohexylamine as a curing agent for epoxy resins, as an intermediate product when producing diisocyanates, as an initiator entity when producing polyetherols, and/or as a monomer for producing polyamides.

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