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(54) Title: PROCESS FOR THE PREPARATION OF TERTIARY AMINES FROM PRIMARY AMINES AND NITRILES

(57) Abstract: Disclosed is a method for preparing tertiary amine compounds from primary amines and nitriles in the presence of hydrogen gas and a metal catalyst, or metal-containing catalyst composition, at a temperature from about 50 °C to about 200 °C and at a pressure from about 100 psig to 1500 psig. The primary amines and the nitriles used in the process may be diamines and/or dinitriles, or may be combinations of primary amines and/or nitriles. Also disclosed are novel tertiary amine compounds made by the described method.



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