

Title (en)
METHOD FOR PRODUCING AN AMINE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES AMINS

Title (fr)
PROCÉDÉ DE PRÉPARATION D'UNE AMINE

Publication
EP 2225028 A1 20100908 (DE)

Application
EP 08863881 A 20081210

Priority

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Abstract (en)
[origin: WO2009080509A1] The invention relates to a method for producing an amine by reacting a primary or secondary alcohol, aldehyde and/or ketone with hydrogen and a nitrogen compound, selected from the group including ammonia, primary and secondary amines, in the presence of a zirconium dioxide-containing, copper-containing and nickel-containing catalyst, the catalytically active mass of the catalyst prior to its reduction with hydrogen containing oxygen-containing compounds of zirconium, copper, nickel, no oxygen-containing compounds of cobalt, and 0.2 to 5.0% by weight of oxygen-containing compounds of vanadium, niobium, sulfur, phosphorous, gallium, boron and/or tungsten, each calculated as V₂O₅, Nb₂O₅, H₂SO₄, H₃PO₄, Ga₂O₃, B₂O₃ or WO₃. The invention also relates to catalysts of the above type.

IPC 8 full level
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See references of WO 2009080509A1

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