

Title (en)
METHOD FOR THE HYDROGENATION OF NITRILES TO FORM PRIMARY AMINES OR AMINO NITRILES AND SUITABLE CATALYSTS FOR SAID PROCESS

Title (de)
VERFAHREN ZUR HYDRIERUNG VON NITRILEN ZU PRIMÄREN AMINEN ODER AMINONITRILEN UND DAFÜR GEEIGNETE KATALYSATOREN

Title (fr)
PROCEDE D'HYDROGENATION DE NITRILES EN AMINES PRIMAIRES OU AMINONITRILES ET LES CATALYSEURS APPROPRIES

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Abstract (en)
[origin: WO2007031488A2] The invention relates to a method for the hydrogenation of oligonitriles comprising at least two nitrile groups, in the presence of a catalyst, which is pre-treated by being brought into contact with a compound A prior to the hydrogenation process, said compound being selected from the following: alkaline metal carbonates, alkaline-earth metal carbonates, ammonium carbonate, alkaline metal hydrogencarbonates, alkaline-earth metal hydrogencarbonates, ammonium hydrogencarbonate, alkaline-earth metal oxocarbonates, alkaline metal carboxylates, alkaline-earth metal carboxylates, ammonium carboxylates, alkaline metal dihydrogen phosphates, alkaline-earth metal dihydrogen phosphates, alkaline metal hydrogen phosphates, alkaline-earth metal hydrogen phosphates, alkaline metal phosphates, alkaline-earth metal phosphates and ammonium phosphate, alkaline metal acetates, alkaline-earth metal acetates, ammonium acetate, alkaline metal formiates, alkaline-earth metal formiates, ammonium formiate, alkaline metal oxalates, alkaline-earth metal oxalates and ammonium oxalate.

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