

Title (en)

METHOD FOR PREPARING AMINODIGLYCOL (ADG) AND MORPHOLINE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON AMINODIGLYKOL (ADG) UND MORPHOLIN

Title (fr)

PROCEDE POUR PRODUIRE DE L'AMINODIGLYCOL (ADG) ET DE LA MORPHOLINE

Publication

**EP 1937625 A1 20080702 (DE)**

Application

**EP 06793775 A 20060925**

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Abstract (en)

[origin: WO2007036496A1] A method for preparing aminodiglycol (ADG) and morpholine by reaction of diethyleneglycol (DEG) with ammonia in the presence of a transition metal heterogeneous catalyst is characterised in that the catalytically active mass of the catalyst contains, before treatment with hydrogen, oxygen-containing compounds of aluminium and/or zirconium, copper, nickel and cobalt, and in that the catalyst moulding in pellet or strand form has a diameter of < 3 mm, in tablet form a height of < 3 mm and in all other geometrical shapes an equivalent diameter  $L=1/a'$  of < 0.70 mm,  $a'$  standing for the external surface per volume unit ( $\text{mm}^3/\text{mm}^2$ ).

IPC 8 full level

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CPC (source: EP US)

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