

**PROCESS FOR THE PREPARATION OF POLYAMINES OF THE
DIPHENYLMETHANE SERIES AT A LOW DEGREE OF PROTONATION**

ABSTRACT OF THE DISCLOSURE

The invention provides a process for the preparation of polyamines of the diphenylmethane series. This process comprises

- a) reacting aniline and formaldehyde in a molar ratio of 1.5:1 to 6:1, in the presence of an acid catalyst at temperatures of 20 °C to 100 °C, in which the water content in the acid reaction mixture is < 20 wt.% and a degree of protonation of < 15 % is established,

and

- b) increasing the temperature of the reaction to a temperature of 110 °C to 250 °C when the ratio of the weight contents of p-aminobenzylaniline to 4,4'-MDA in the reaction mixture falls below a value of 1.00.