

[12] Patent

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[21] Application No.: GCC/P/2001/1672 [22] Filing Date: 14/10/2001 [30] Priority: [31] Priority No. [32] Priority date [33] State 1802/2000 20/10/2000 AT [72] Inventors: 1- Gerhard Coufal, 2- Hartmut Bucka, 3- Ferdinand Koglgruber [73] Owner: Agrolinz Melamin GmbH., St. Peter-Straße 25, A-4021 Linz, Austria [74] Agent: Saud M. A. Shawwaf	[51] Int. Cl. ⁷ : B01J 19/24; C07D 251/60 [56] Cited Documents: - GB 1033027 A (ALLIED CHEMICAL CORPORATION) 15 June 1966

[54] PROCESS FOR THE PRODUCTION OF MELAMINE

[57] Abstract: Process for the production of melamine by pyrolysis of urea in a high-pressure reactor having a vertical central pipe, in which the melamine flows upwards into the reactor from below, mixes in the lower part of the reactor with a urea melt and optionally NH₃ introduced into the reactor from below, emerges from the central pipe in the upper part of the central pipe, a part of the melamine formed flows downwards in the annular space between the central pipe and reactor wall and the remaining part is expelled for further work-up, the off-gases are removed at the top of the reactor, and a reactor for carrying out the process.

No. of claims: 12

No. of figures: 4

