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(71) Applicant *(for all designated States except US)*: **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MÜLLER, Ulrich** [DE/DE]; Am Stecken 14a, 67435 Neustadt/Weinstrasse (DE). **KRUG, Georg** [DE/DE]; Eichenweg 16, 69509 Mörlenbach (DE). **BASSLER, Peter** [DE/DE]; Maria-Mandel-Str. 18, 68519 Viernheim (DE). **GÖBBEL, Hans-Georg** [DE/DE]; Im Mosenborn 33, 67169 Kallstadt (DE). **RUDOLF, Peter** [DE/DE]; Rautenthalermühle 12, 68526 Ladenburg (DE). **TELES, Joaquim, H.** [PT/DE]; Reiherstr. 29a, 67166 Otterstadt (DE).

(74) Agent: **HÖRSCHLER, Wolfram, J.**; Isenbruck Bösl Hörschler Wichmann Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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(54) Title: IMPROVED CATALYST FOR EPOXIDATION REACTIONS

(57) Abstract: The present invention relates to the manufacture of solid materials or shaped bodies containing at least one zeolite and being at least partly crystalline. Furthermore, the present invention relates to the solid materials or shaped bodies as such and to the use of these materials for reactions of compounds having at least one C-C double bond with at least one hydroperoxide. Specifically, the present invention relates to a process for the manufacture of a solid material containing at least one zeolite and being at least partly crystalline, wherein the synthesis of the said solid material involves at least one partial step of contacting at least one transition metal oxide source with at least one epoxide or hydrolysate thereof prior to or during the at least partial crystallization of said solid material.

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