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(71) Applicant (for all designated States except US): **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BUIJINK, Jan Karel Frederik** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **VAN VLAANDEREN, Johannes Jacobus Maria** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(74) Agent: **SHELL INTERNATIONAL B.V.**; Intellectual Property services, PO Box 384, NL-2501 CJ The Hague (NL).

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(54) Title: TITANIUM CATALYST, ITS PREPARATION AND ITS USE IN EPOXIDATION REACTIONS

(57) Abstract: The invention relates to a process for the preparation of a titanium catalyst which process comprises: (a) drying a silica carrier at a temperature of from 300 to 800 °C to obtain a dried carrier; (b) contacting the dried carrier obtained in step (a) with a gas stream containing titanium halide at a temperature in the range from 125 °C lower to 125 °C higher than the drying temperature of step (a) and at a pressure higher than 0.8 bar to obtain an impregnated carrier; (c) calcining the impregnated carrier obtained in step (b) to obtain the titanium catalyst.



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