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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)*: **BLANKENSTEIN, Paul** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **CROCKER, Mark** [GB/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **VAN DER GRIFT, Carl, Johan, Gerrit** [NL/LU]; 420, route de Longwy, L-4832 Rodange (LU). **VAN VLAANDEREN, Johannes, Jacobus, Maria** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

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ACTION

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(54) Title: CATALYST COMPOSITION, PROCESS FOR ITS PREPARATION AND USE THEREOF

(57) Abstract: Catalyst composition comprising titanium chemically bonded to a silica support, characterised in that the silica support is a shaped extrudate of silica powder. The catalyst composition is very useful in the epoxidation of olefins into alkylene oxides using organic hydroperoxides. The composition can be prepared by a process comprising the steps of: (a) extruding silica powder into an extrudate having a selected shape; (b) calcining the extrudate; (c) impregnating the extrudate with a titanium-containing impregnating agent; and (d) drying and calcining the impregnated extrudate.