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(54) Title: CATALYST SUPPORT MATERIAL AND USE THEREOF

(57) Abstract: Process for the preparation of a catalyst support material comprising the steps of: (a) subjecting a used titania-on-silica catalyst to a decoking treatment, (b) washing the decoked catalyst with a washing liquid selected from an aqueous solution of a mineral acid, an aqueous solution of an ammonium salt and combinations thereof, and (c) drying and calcining the washed and decoked catalyst to yield the catalyst support material. The support material thus obtained is suitably used as support material for titania in a heterogeneous catalyst for the epoxidation of olefins into alkylene oxides.