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(54) Title: ZEOLITIC MATERIAL HAVING A FRAMEWORK STRUCTURE COMPRISING SI, O, AND TI

(57) Abstract: The present invention relates to a zeolitic material having a framework structure comprising Si, O, and Ti, obtained or obtainable from a Ti containing compound, wherein the Ti containing compound has an APHA color number of ≤ 300 . In a second aspect, the invention relates to the Ti containing compound having an APHA color number of ≤ 300 . A third aspect of the present invention is related to the use of the Ti containing compound having an APHA color number of ≤ 300 of the second aspect for the preparation of a zeolitic material having framework structure comprising Si, O, and Ti, as well as to a process for preparation of a zeolitic material as in the first aspect having a framework structure comprising Si, O, and Ti, wherein the zeolitic material having a framework structure comprising Si, O, and Ti, is prepared from a Ti containing compound having an APHA color number of ≤ 300 as of the second aspect. A fourth aspect of the invention is directed to a molding comprising the zeolitic material having a framework structure comprising Si, O, and Ti as of the first aspect, as well as to the use of the molding as an adsorbent, an absorbent, a catalyst or a catalyst component. A fifth aspect of the invention relates to a process for oxidizing an organic compound comprising bringing an organic compound in contact with a catalyst comprising a molding as of the fourth aspect, wherein a sixth aspect relates to propylene oxide obtained or obtainable from the process according to the fifth aspect.



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