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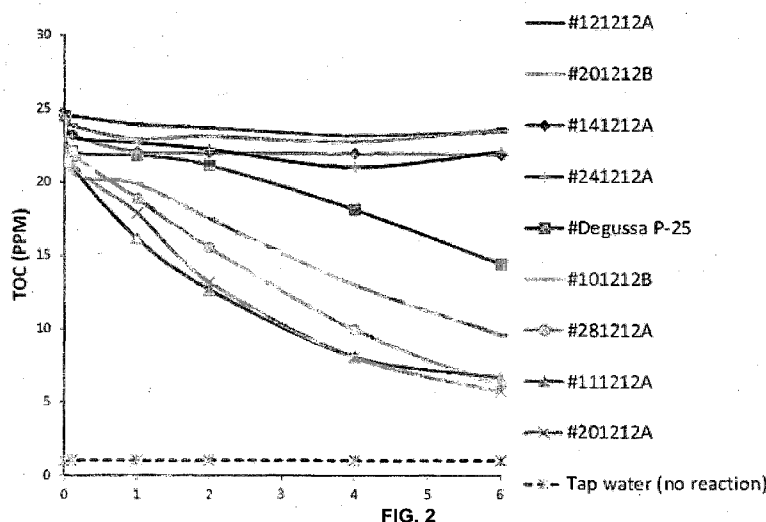


FIG. 2

(57) Abstract: Disclosed herein is a composition comprising: TiO₂ nanocrystals in the form of agglomerates and/or aggregates; and an anionic species associated with the TiO₂ agglomerates/aggregates, wherein the diameter of the TiO₂ agglomerates/aggregates is from 0.02 μm to 5.0 μm; the diameter of the TiO₂ nanocrystals is from 4 to 70 nm; and the BET surface area of the composition is from 6 to 250 g/m². There is also disclosed a method for making said compositions and uses thereof.