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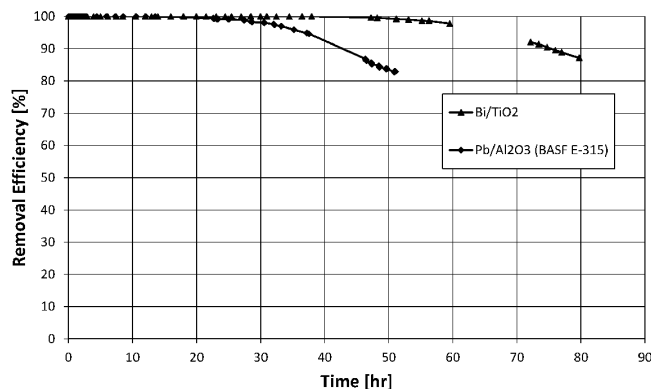


FIG. 1

(57) Abstract: An adsorbent composition having a bismuth material on a support containing at least one of a metal oxide, a metal-loid oxide or an activated carbon and methods of making and using the same. The adsorbent composition is useful for adsorbing arsine from a fluid stream.