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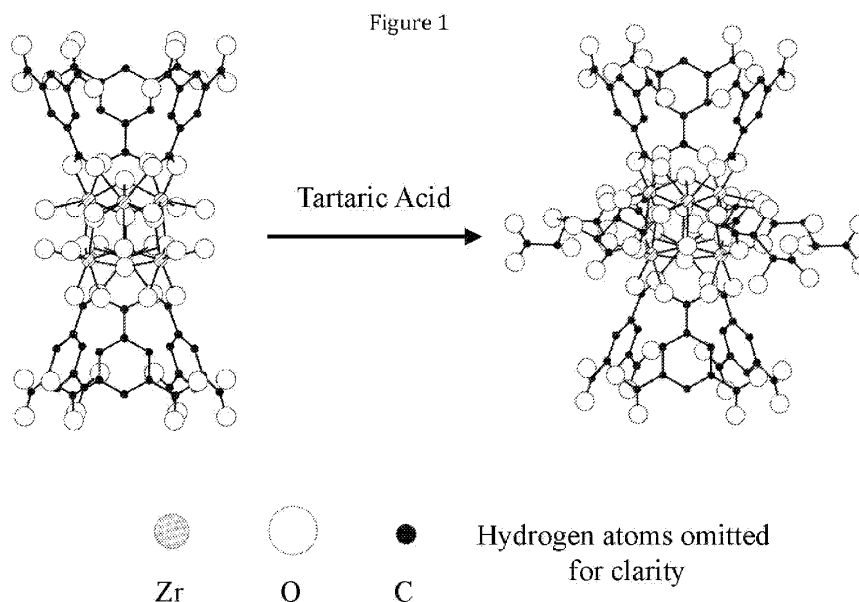
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(54) Title: METAL-ORGANIC FRAMEWORK (MOF) COMPOSITIONS, PROCESS OF MAKING AND PROCESS OF USE THEREOF



(57) Abstract: Disclosed herein are metal-organic framework (MOF) compositions, methods of preparing them and processes using them. A MOF composition comprises a plurality of metal nodes, a plurality of organic linkers, a plurality of organic ligands and a metal salt such as a metal halide. These MOF compositions are capable of capturing a target chemical in a gas stream. The target chemical may be ammonia.

[Continued on next page]

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GQ, GW, KM, ML, MR, NE, SN, TD, TG).

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