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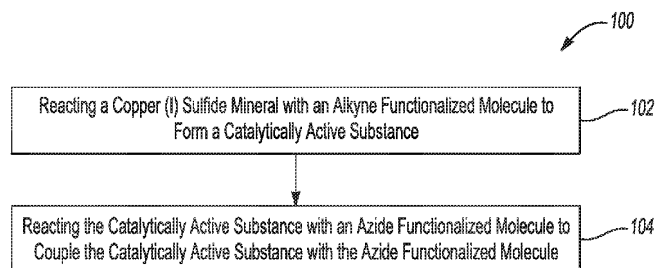


Fig-1

(57) Abstract: A catalytically active substance includes a copper (I) sulfide mineral particle, and an alkyne functionalized molecule bound to a surface of the copper (I) sulfide mineral particle. In an example method, a copper (I) sulfide mineral is reacted with an alkyne functionalized molecule to form a catalytically active substance. The catalytically active substance is reacted with an azide functionalized molecule to couple the catalytically active substance with the azide functionalized molecule.



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