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METHOD OF MAKING THE CATALYST

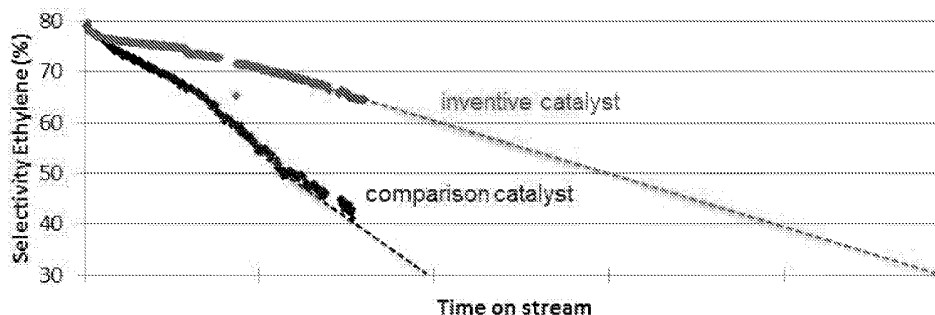


FIG. 1

(57) Abstract: Presented is a selective hydrogenation catalyst and a method of making the catalyst. The catalyst comprises a carrier containing bi-metallic nanoparticles. The nanoparticles comprise a silver component and a palladium component. The catalyst is made by incorporating an aqueous dispersion of the bi-metallic nanoparticles onto a catalyst carrier followed by drying and calcining the carrier having incorporated therein the dispersion. The catalyst is used in the selective hydrogenation of highly unsaturated hydrocarbons contained olefin product streams.

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