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(54) **Title:** PALLADIUM CATALYSTS

(57) **Abstract:** The invention relates to a particulate substance comprising a particulate porous support coupled to a palladium species. The palladium species may comprise palladium nanoclusters. The particulate substance may be used as a catalyst for conducting a carbon-carbon coupling reaction or a reduction.

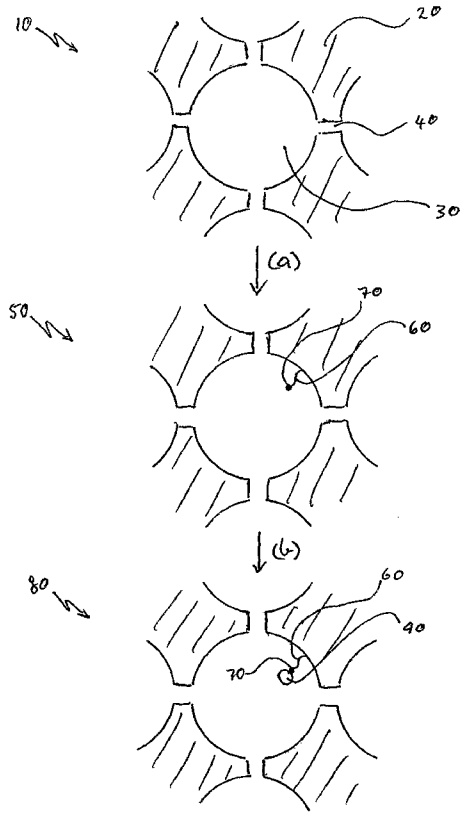


Fig. 1

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