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Abstract

The present invention relates to a shell catalyst for the preparation of vinyl acetate monomer, comprising an oxidic porous catalyst support with an outer shell, containing
10 metallic Pd und Au, wherein the framework structure of the porous catalyst support contains hafnium oxide units. This shell catalyst is suitable for the preparation of VAM and is characterized by a relatively high activity and VAM selectivity and maintains this activity and selectivity over
15 relatively long service lives. Moreover, the present invention relates to a process for the preparation of the shell catalyst.