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(54) **Title:** CATALYST AND PROCESS FOR THE PREPARATION OF VINYL ACETATE

(54) **Bezeichnung:** KATALYSATOR UND VERFAHREN ZUR HERSTELLUNG VON VINYLACETAT

(57) **Abstract**

The invention relates to a process for the preparation of vinyl acetate in a gaseous phase from ethylene, acetic acid and oxygen or gases containing oxygen while simultaneously forming low levels of high-boiling agents on a catalyst which contains palladium and/ or the compounds thereof, gold and/or the compounds thereof and alkali metal compounds on a carrier. The process is characterised in that the catalyst also contains boron or boron compounds.

(57) **Zusammenfassung**

Verfahren zur Herstellung von Vinylacetat in der Gasphase aus Ethylen, Essigsäure und Sauerstoff oder Sauerstoff enthaltenden Gasen bei gleichzeitig geringer Hochsiederbildung an einem Katalysator, der Palladium und/oder dessen Verbindungen, Gold und/oder dessen Verbindungen sowie Alkalimetallverbindungen auf einem Träger enthält, dadurch gekennzeichnet, daß der Katalysator zusätzlich Bor oder Borverbindungen enthält.