

Title (en)

VINYL ACETATE CATALYST COMPRISING METALLIC PALLADIUM AND GOLD AND PREPARED UTILIZING SONICATION

Title (de)

MIT ULTRASCHALL HERGESTELLTER PALLADIUM UND GOLD ENTHALTENDER KATALYSATOR ZUR HERSTELLUNG VON VINYLACETAT

Title (fr)

CATALYSEUR DE L'ACETATE DE VINYLE COMPRENANT DU PALLADIUM METALLIQUE ET DE L'OR ET PREPARE PAR SONICATION

Publication

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Application

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Priority

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- US 44191199 A 19991117

Abstract (en)

[origin: WO0136091A1] A catalyst effective for the production of vinyl acetate by reaction of ethylene, oxygen and acetic acid, comprising a porous support on the porous surfaces of which is deposited catalytically effective amounts of metallic palladium and gold, and optionally, one or more additional catalytically active metals such as copper, prepared by steps comprising impregnating the support with one or more aqueous solutions, of water-soluble compounds of the metals, fixing the metals on the support as water-insoluble compounds in one or more fixing steps by reaction with an appropriate alkaline compound, at least one of said fixing steps being carried out in a solution of the alkaline compound in which the impregnated support is immersed, while sonicating, i.e., applying ultrasound waves to, such solution, and reducing the water-insoluble compounds of the catalytically active metals to their free metallic form.

IPC 1-7

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