

Title (en)

NEW HETEROGENEOUS PALLADIUM-BASED CATALYST, PREPARATION METHOD AND USE THEREOF

Title (de)

NEUER HETEROGENER KATALYSATOR AUF PALLADIUMBASIS, HERSTELLUNGSVERFAHREN UND VERWENDUNG DAVON

Title (fr)

NOUVEAU CATALYSEUR HÉTÉROGÈNE À BASE DE PALLADIUM, SON PROCÉDÉ DE PRÉPARATION ET SON UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO2023036952A1] The present invention relates to a new palladium-based catalyst on a cerium dioxide substrate, of the formula Pd-X/CeO<sub>2</sub>, wherein X represents the empty set or a doping agent and its use in the implementation of a method for selectively preparing oxalates or oxamides, from carbon monoxide, an oxidising agent, in particular molecular oxygen or air, and an alcohol or an amine, respectively. In particular, the catalyst can be doped with manganese.

IPC 8 full level

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