

Title (en)

ZIRCONIA CORE PARTICLES COATED WITH CERIA PARTICLES, PRODUCTION PROCESS THEREOF AND EXHAUST GAS PURIFYING CATALYST

Title (de)

MIT CERTEILCHEN BESCHICHTETE ZIRCONIUMOXIDKERNEILCHEN, HERSTELLUNGSVERFAHREN DAFÜR UND ABGASREINIGUNGSKATALYSATOR

Title (fr)

PARTICULE D'OXYDE MÉTALLIQUE, PROCESSUS DE PRODUCTION DE CELLE-CI ET CATALYSEUR DE PURIFICATION DES GAZ D'ÉVACUATION

Publication

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Application

**EP 05739092 A 20050427**

Priority

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Abstract (en)

[origin: WO2005102933A2] The present invention provides a metal oxide particle for a catalyst support comprising multiple species of metal oxides and capable of satisfactorily exerting the properties of the respective metal oxides, and also provide a production process therefor and an exhaust gas purifying catalyst obtained from this metal oxide particle. A metal oxide particle of the present invention comprises a core part 1 relatively rich in a first metal oxide and a surface layer 2 relatively rich in a second metal oxide, the core part and the surface layer each comprising a plurality of primary particles (1a, 2a), and the primary particle diameter of the second metal oxide being smaller than the primary particle diameter of the first metal oxide.

IPC 8 full level

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