

Title (en)
PRODUCTION OF TAILORED METAL OXIDE MATERIALS USING A REACTION SOL-GEL APPROACH

Title (de)
HERSTELLUNG ZUGESCHNITTENER METALLOXIDMATERIALIEN MITHILFE EINES REAKTIONS-SOL-GEL-ANSATZES

Title (fr)
PRODUCTION DE MATIÈRES EN OXYDE MÉTALLIQUE AJUSTÉES SUR MESURE À L'AIDE D'UNE APPROCHE SOL-GEL DE LA RÉACTION

Publication
EP 2276694 A4 20131204 (EN)

Application
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Priority
US 2009039510 W 20090403

Abstract (en)
[origin: WO2010114561A1] A porous metal oxide is formed by creating a metal oxide material with a hydrolysis reaction in solution. The hydrolysis reaction or reaction products of a metal oxide precursor react simultaneously or in conjunction with a metal salt or a disassociation species of a metal salt. The metal oxide material is conditioned, and is refined to produce metal oxide particles having a porous structure containing crystallites.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [X] WO 2008147359 A1 20081204 - CARRIER CORP [US], et al
- [X] JP 2006027933 A 20060202 - TOYOTA MOTOR CORP
- [X] WO 0236494 A1 20020510 - AUSTRALIAN NUCLEAR SCIENCE TEC [AU], et al
- See references of WO 2010114561A1

Designated contracting state (EPC)
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