

Title (en)
WATER-FREE METAL OXIDE COLLOIDS AND METAL OXIDE POLYMERS, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF

Title (de)
WASSERFREIE METALLOXIDKOLLOIDE UND METALLOXIDPOLYMERE, VERFAHREN ZU DEREN HERSTELLUNG UND VERWENDUNG

Title (fr)
COLLOIDES D'OXYDES METALLIQUES ET POLYMERES D'OXYDES METALLIQUES ANHYDRES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

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Application
EP 05814848 A 20051212

Priority
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Abstract (en)
[origin: WO2006063757A2] The invention relates to water-free metal oxide colloids and/or metal oxide polymers of general formula $[M(O)X^{3-}_{n-1}]^{n-1}$ (1) in an aprotic, organic solvent or solvent mixture, wherein M = Si, Ge, Sn, Ti, Zr or Hf; and X^{3-}_{n-1} and X^{4-}_{n-2} = independently from each other, O_{1/2}, H, alkoxy (-OR), wherein R represents an organo radical having 1 - 20 C-atoms, alkyl having 1 - 20 C atoms or aryl having 6 - 20 C atoms, wherein the alkyl - or aryl radicals can include one or several other halogen substituents, selected from the group of F, Cl, Br or I; and n = typical values of 10 -1.000.000.

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Citation (search report)
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