

Title (en)
ORGANIC SOL AND SOLID COMPOUND BASED ON CERIUM OXIDE AND AN AMPHIPHILIC COMPOUND AND METHOD FOR PREPARING SAME

Title (de)
ORGANISCHE SOL UND FESTSTOFF AUF BASIS VON CERIUMOXID UND EINEM AMPHIPHILEM STOFF UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
SOL ORGANIQUE ET COMPOSE SOLIDE A BASE D'OXYDE DE CERIUM ET D'UN COMPOSE AMPHIPHILE ET PROCEDE DE PREPARATION

Publication
EP 1157071 A1 20011128 (FR)

Application
EP 00903784 A 20000210

Priority
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Abstract (en)
[origin: FR2789601A1] The use of an amphiphilic compound and a polar organic solvent enables the preparation of cerium oxide sols adapted to a wide range of applications. An organic sol is claimed which is based on :- - particles of CeO₂ ; - a liquid organic phase ; and - at least one amphiphilic compound chosen from polyoxyethylenated alkyl ethers of carboxylic acids, polyoxyethylenated alkylethylether phosphates, dialkylsulfosuccinates and quaternary ammonium compounds. Independent claims are also included for solid compounds based on CeO₂ and an amphiphilic agent as described above, and the preparation of the organic sols.

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C09D 17/00

IPC 8 full level
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