

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  
• FR 0000330 W 20000210  
• FR 9901939 A 19990217

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 CeO<sub>2</sub> ; - 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 CeO<sub>2</sub> and an amphiphilic agent as described above, and the preparation of the organic sols.

IPC 1-7  
**C09D 17/00**

IPC 8 full level  
**A61K 8/00** (2006.01); **A61K 8/19** (2006.01); **A61K 8/39** (2006.01); **A61K 8/40** (2006.01); **A61K 8/46** (2006.01); **A61Q 17/00** (2006.01); **A61Q 17/04** (2006.01); **B01F 3/12** (2006.01); **B01J 13/00** (2006.01); **C09D 1/00** (2006.01); **C09D 17/00** (2006.01); **C10L 1/10** (2006.01); **C10L 1/12** (2006.01); **C10L 1/18** (2006.01); **C10L 1/20** (2006.01); **C10L 1/22** (2006.01); **C10L 1/24** (2006.01); **C10L 1/26** (2006.01)

CPC (source: EP US)  
**A61K 8/19** (2013.01 - EP US); **A61Q 17/04** (2013.01 - EP US); **B01J 13/0047** (2013.01 - EP US); **B82Y 5/00** (2013.01 - EP US); **C10L 1/10** (2013.01 - EP US); **A61K 2800/413** (2013.01 - EP US); **C10L 1/1233** (2013.01 - EP US); **C10L 1/1824** (2013.01 - EP US); **C10L 1/19** (2013.01 - EP US); **C10L 1/1985** (2013.01 - EP US); **C10L 1/201** (2013.01 - EP US); **C10L 1/2222** (2013.01 - EP US); **C10L 1/2437** (2013.01 - EP US); **C10L 1/2641** (2013.01 - EP US); **C10L 1/2683** (2013.01 - EP US)

Citation (search report)  
See references of WO 0049098A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**FR 2789601 A1 20000818**; **FR 2789601 B1 20010511**; BR 0008339 A 20020129; CA 2360820 A1 20000824; CN 1144851 C 20040407; CN 1346391 A 20020424; EP 1157071 A1 20011128; JP 2002537308 A 20021105; NO 20014029 D0 20010817; NO 20014029 L 20011017; US 6649156 B1 20031118; WO 0049098 A1 20000824

DOCDB simple family (application)  
**FR 9901939 A 19990217**; BR 0008339 A 20000210; CA 2360820 A 20000210; CN 00805980 A 20000210; EP 00903784 A 20000210; FR 0000330 W 20000210; JP 2000599831 A 20000210; NO 20014029 A 20010817; US 91370901 A 20011126