

Title (en)
HYBRID ORGANIC-INORGANIC MATERIAL, OPTICAL THIN LAYER MADE OF SAID MATERIAL, OPTICAL MATERIAL CONTAINING SAME,
AND METHOD FOR MAKING SAME

Title (de)
ORGANISCH-ANORGANISCHES HYBRIDMATERIAL, AUS DIESEM MATERIAL HERGESTELLTE OPTISCHE DÜNNSCHICHT, OPTISCHES
MATERIAL DAMIT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
MATERIAU HYBRIDE ORGANIQUE-INORGANIQUE, COUCHE MINCE OPTIQUE DE CE MATERIAU, MATERIAU OPTIQUE LES
COMPRENANT, ET LEUR PROCEDE DE FABRICATION

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Application
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Abstract (en)
[origin: WO2009098240A1] The invention relates to a composite organic-inorganic material that includes: colloid particles of at least one inorganic compound selected from oxides and oxyhydroxides of a metal or metalloids prepared according to a hydrolysis-condensation method in a protic or polar solvent, said particles being functionalised at the surface thereof by reaction with an organic compound; and an organic or inorganic polymer. The invention also relates to a method for preparing this composite material, and to an optical material including a layer of said composite material.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2009098240A1

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FR 2927005 A1 20090807; **FR 2927005 B1 20111223**; CA 2714279 A1 20090813; CA 2714279 C 20170627; CN 101981134 A 20110223; EP 2245094 A1 20101103; JP 2011514395 A 20110506; JP 5683966 B2 20150311; US 2011003130 A1 20110106; US 2016282520 A1 20160929; WO 2009098240 A1 20090813

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