Title: WO0003950A1: OPTICAL DEVICES [French]

Derwent Title: Preparation of nano particles for use in e.g. forming a uniform dispersion of the nano particles in another material, for e.g. light emissive devices, comprises washing the mixture with a solvent in which the nano particles are soluble [Derwent Record]

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Abstract: A method for preparing nanoparticles for use, from a mixture of nanoparticles with another material, the method comprising washing the mixture with a solvent in which the nanoparticles are soluble to remove the said other material and form a solution of nanoparticles in the solvent. [French]

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INPADOC Legal Status: Show legal status actions


Family: Show 6 known family members

Description: OPTICAL DEVICES
This invention relates to optical devices, especially devices comprising particles. Nanoparticles are particles of very small size, typically less than 100nm across. The preparation of well-defined...
nanoparticles via colloid chemistry was demonstrated at least as early as the 1980s. A review of the current technology in this field is given in M P Pileni, Langmuir, 13, 1997, 3266 There are three principal established routes for the formation of nanoparticles: a microemulsion route, a sol-gel route and a high temperature process used principally for semiconducting nanoparticles such as CdSe.

First Claim: Show all claims
1. A method for preparing nanoparticles for use, from a mixture of nanoparticles with another material, the method comprising washing the mixture with a solvent in which the nanoparticles are soluble to remove the said other material and form a solution of nanoparticles in the solvent.†

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