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The invention relates to nanotechnologies, particularly to a process for CdS nanocomposite obtaining in polymer matrix that can be used as photosensitive, magnetic and catalytic material.

The process includes interaction of cadmium acetate with thiourea, taken in the mass ratio of, respectively, 1:3, at the temperature of 105...180°C and the pressure of 50 atm in the ethylene-vinylacetate copolymer melt in a quantity of 80...95 mass%, afterwards the obtaining melt is maintained during 20 min, it is poured into moulds and cooled in the air up to the room temperature.

Claims: 1

Fig.: 2