

a 2006 0023

The invention relates to the photosensitive composites used for producing optical sensors, optical image or holographic information carriers.

The photosensitive composite of amorphous chalcogenide semiconductor and organic polymer is obtained by mixing the solutions of As_2Se_3 or As_2S_3 in monoethanolamine with the hydroalcoholic solution of polyvinyl alcohol and removing the solvents.

The final composition of the composite is the following, wt %:

chalcogenide semiconductor 17,0...83,0

organic binder the rest.

The result consists in obtaining composites with high photosensitivity.

Claims: 1

Fig.: 3