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The invention relates to optoelectronics, namely to technologies for obtaining photosensitive composites on base of chalcogenide amorphous compound semiconductors and organic polymer used for manufacturing different photosensitive media in the shape of thin films, fibers etc., for use thereof as media for recording optical images or holographic information, optical sensors, etc.

The process for obtaining photosensitive composite on base of chalcogenide amorphous compound semiconductor and organic polymer consists in that there are separately dissolved in monoethanolamine the chalcogenide semiconductors on base of S and Se and are homogenated at the temperature of 20…40°C, at a normal atmospheric pressure, during 20…30 hours. After cooling up to the room temperature, both solutions are mixed and homogenated up to 30 min. It is prepared a methanol solution of poly-n-vinylpyrrolidone, then the solutions are mixed and homogenated up to 30 min. The mixture is deposited onto the support and dried at the temperature of 18…40°C during 2 hours.

Claims: 1
Fig.: 5