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The invention relates to the photoluminescent materials and can be used in optoelectronics for creation of photoluminescent media in the ultra-violet and visible ranges of optical spectrum.

The photoluminescent nanocomposite on base of oxidic semiconductor and organic polymer consists of ZnO or Ga₂O₃ and polyvinyl, polyvinyl acetate or poly-N-vinylpyrrolidone with the mass content of the oxidic semiconductor of 30...60%, and of the organic polymer – the rest.

Claims: 3

Fig.: 2