

95-0449

The invention relates to the photothermoplastic materials for optical methods of information registration and may be used in the electrophotography.

In the photothermoplastic carrier consisting of the photopolymer deposited on the metallized support, the photosensitive film is made from the photopolymers composition containing 3-12 percents of the photochrome agent on the base of nitroderivative, specially, 1,3,3-trimethylnitroindolynspiropyrane.

The technical result consists in the increasing of the photosensitivity for three times and in the expansion of spectral sensitivity region.