

The invention relates to information media, in particular to a photothermoplastic medium for recording of optical information, holograms and interferograms in real time.

The photothermoplastic optical information recording medium comprises a transparent substrate (1), on which are consecutively deposited a conductive layer (2), a photosensitive layer based on chalcogenide glass-like semiconductors As-Se-S (3) and a thermoplastic layer based on polyepoxypropyl-carbazole (4) with a thickness of 0.15...0.20  $\mu\text{m}$  and with an unevenness of surface relief of 30...35 nm.

Claims: 1

Fig.: 3

