

97-0328

The invention relates to the multilayer structures of glassy semiconductors with the refractive index abrupt and smooth variation at the bound between the layers and may be used for manufacturing the optical information transmission and recording media.

With a view to simplify the technology, compositionally different layers of chal-cogenic glassy semiconductors having various refractive indexes from As_2S_3 , are being applied on the rigid and flexible base by thermal vacuum evaporation, changing the vaporization temperature thereof from 120 to 280°C.

Claims: 1