

a 2007 0313

The invention relates to an electrophotographic information carrier and can be used in optoelectronics and photonics for recording of photographic and holographic images.

The electrophotographic information carrier includes a support, a visualization layer of thermoplastic polymer and an electrophotosensitive layer on base of N-vinylcarbazole copolymer sensibilized with 2,4,7-trinitrofluorenone. As copolymer is used a copolymer obtained from N-vinylcarbazole and a higher alkene 1-octene or 1-hexadecene in the presence of an initiator, taken in the following component ratio, mol %:

N-vinylcarbazole	40...60
higher alkene	40...58
initiator	1...2.

Claims: 2

Fig.: 1