

ABSTRACT

The invention relates to edge illuminated light conducting elements consisting of a matrix plastic A and scatter particles of a cross-linked polymer B homogeneously dispersed therein. What characterises the invention is the fact that the matrix plastic A is incompatible with the polymer, the matrix plastic A is highly transparent, the proportion of scatter particles is 0.01 to 1% by weight, based on A, the refractive index $n_D(B)$ of polymer B is at least 0.01 units above the refractive index $n_D(A)$ of the matrix plastic A, and the polymer B is preferably made up of comonomers with aromatic substituents.

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