

ABSTRACT

The present invention relates to an electro-optical device (1) having two interaction regions (2), which each comprise a longitudinal waveguide section (3) and one or two active elements (5), which active element or the respective active element comprises or consists of at least one electro-optical active material, more particularly graphene, wherein the longitudinal waveguide sections (3) of the two interaction regions (2) are arranged spaced apart from one another, and the active element or the respective active element (5) extends at least in some sections above and/or below and/or within the waveguide longitudinal section (3) of the respective interaction region (2), and wherein two or more contact elements (6) are provided which are each in contact with at least one of the active elements (5).

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(Fig. 3)