

The proposed method for producing an interference filter consists in applying alternating interference layers of zinc sulfide and yttrium fluoride to two substrates in vacuum. The substrates, which have different numbers of the interference layers, are fixed to a metallic holder by adhesive and sealing material. The present invention provides a possibility to increase the resistance of the filter to dynamic loads, while retaining the specified characteristics of the filter, in the accelerated motion of a device in which the filter is used.