Abstract

Method for engraving images by means of radiation into a radiation-sensitive layer, in particular for laser engraving

The invention relates to a method for engraving images by means of radiation into a radiation-sensitive layer, in particular for laser engraving, in which the radiation-sensitive layer is irradiated in a point-by-point manner in such a way that the predetermined blackening for each dot ($P_{k,l}$) is obtained for the latter. In order also to be able to use a relatively simple radiation source, that is to say for example a laser system whose laser beam is subjected to comparatively large power fluctuations, during the engraving of images, in particular during laser engraving, the invention provides for the blackening obtained in each dot ($P_{k,l}$) to be determined, and, during the subsequent irradiation of dots ($P_{k,l}$), for the radiation energy to be set as a function of sought and obtained blackening.

(Fig 1)