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(54) **NEGATIVE LITHOGRAPHIC PRINTING ORIGINAL PLATE AND METHOD FOR MAKING LITHOGRAPHIC PRINTING PLATE**

(57) Provided are a negative-type planographic printing plate precursor having an image-recording layer on an aluminum support, in which the image-recording layer includes a polymer particle 1 having a constitutional unit made of a monomer having a solubility parameter of 23 MPa^{1/2} or more, a thermoplastic polymer particle 2, and

an infrared absorber, and at least any of fusion or aggregation of the thermoplastic polymer particle 2 is caused by heat during exposure, whereby an image can be formed and a method for producing a planographic printing plate using the negative-type planographic printing plate precursor.

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