

ABSTRACT

PHOTOCURABLE COMPOSITION FOR IMPRINTING

5 There is provided a novel photocurable composition for imprinting.

A photocurable composition for imprinting, the composition comprising the following components (a), (b), (c), (d), and (e):

- 10 (a) silica particles having a primary particle diameter of 1 nm to 100 nm and having surfaces modified with a functional group having an ethylenically unsaturated group;
- (b) a polyfunctional (meth)acrylate compound having an ethylenically unsaturated group;
- (c) a polyrotaxane having an ethylenically unsaturated group;
- (d) a photoradical initiator; and
- 15 (e) a specific polyfunctional thiol compound.

FIG. 1