

Abstract

POSITIVE PHOTSENSITIVE RESIN COMPOSITION, CURED FILM,
PROTECTING FILM, INSULATING FILM, AND SEMICONDUCTOR
DEVICE AND DISPLAY DEVICE USING THE SAME

The object of the present invention is to provide a positive photosensitive resin composition which produces no scum and has high sensitivity and high resolution, a cured film, a protecting film, an insulating film, a semiconductor device using the same.

The positive photosensitive resin composition of the present invention comprises a specific polyamide resin (A) and a photosensitive agent (B) comprising an ester of a specific phenolic compound with at least one of 1,2-naphthoquinonediazide-4-sulfonic acid and 1,2-naphthoquinonediazide-5-sulfonic acid. The cured film of the present invention comprises a cured product of the positive photosensitive resin composition. The protecting film and insulating film of the present invention comprise the cured film each. The semiconductor device and display device of the present invention have the cured film each.