

Abstract

Positive-Working Photoimageable Bottom Antireflective Coating

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The present invention relates to a positive bottom photoimageable antireflective coating composition which is capable of being developed in an aqueous alkaline developer, wherein the antireflective coating composition comprises a polymer comprising at least one recurring unit with a chromophore group and one recurring unit with a hydroxyl and/or a carboxyl group, a vinyl ether terminated crosslinking agent, and optionally, a photoacid generator and/or an acid and/or a thermal acid generator. The invention further relates to a process for using such a composition.

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Figure 1

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