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ABSTRACT

OPTICAL INFORMATION MEDIUM

An optical information medium having an ink-accepting layer that may secure a high-gloss printed surface similar to print image quality of print image on photographic paper is provided. The optical disk 1 is constituted by sequentially laminating concavo-convex information pits 3, a recording layer 4, a reflective layer 5, a protective layer 6, a second printing layer 7, and an ink-accepting layer 8 on a transparent substrate 2 made of synthetic resin such as polycarbonate.

In formation of the above described ink-accepting layer 8,

- A. Urethane acrylate: 5 to 15
- B. Water-soluble monomer: 70 to 80
- C. Water-soluble monomer soluble resin: 5 to 15
- D. Photopolymerization initiator: 5 to 15
- E. Dyestuff fixing agent: 5 to 15
- F. Silica: <5

were milled to prepare an ink for printing (unit; percent by weight).

FIG. 2