

OPTICAL DEVICE AND ELECTROLYTIC SOLUTION

ABSTRACT

An optical device in which a solution prepared by dissolving a silver halide in a solvent and adding an alkali metal halide such as LiBr as a support salt is disposed between working electrodes and counter electrode, and which is adapted such that silver is deposited or dissolved by driving control for the electrodes. The optical device can be driven at a low power consumption, can control the light transmittance or reflectance in a visible light region, has satisfactory spectral characteristics upon light shielding and can prevent an overvoltage to the electrode, thereby enabling to increase the working life, and an electrolytic solution used therefor is provided.

Figure 5