

ABSTRACT

PROJECTION DISPLAY APPARATUS

A projection display apparatus includes a light valve (2), a light source (3a) for producing light directed to the light valve (2), an integrator lens (4) disposed in an optical path extending from the light source (3a) to the light valve (2) and including a first lens array (4a) and a second lens array (4b), and a light amount adjustment mechanism (9) disposed in the optical path between the first lens array (4a) and the second lens array (4b). The light amount adjusting mechanism (9) includes a pair of light shielding elements pivoting in the form of a pair of double doors. The pair of light shielding elements have an opening formed in a region of tip portions thereof which corresponds to lens cells in contact with the optical axis of the second lens array (4b). A region of the opening corresponding to one lens cell in contact with the optical axis of the second lens array (4b) is of a triangular configuration.

FIG. 5