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(54) **PROJECTOR WITH LIGHT CONTROL APPARATUS THAT ADJUSTS A COVERED AMOUNT OF A BLOWOFF PORT IN ACCORDANCE WITH AN AMOUNT OF SHIELDED LIGHT**

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See application file for complete search history.

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(57) **ABSTRACT**

A projector includes a light source, a light control apparatus having a light shield portion that shields light emitted from the light source, the light control apparatus adjusting the amount of light that passes therethrough, an optical element that is disposed on the light exiting side of the light shield portion and optically converts light incident on the optical element, a cooling fan that sends cooling air, and a duct that guides the cooling air sent from the cooling fan to the light shield portion and the optical element which are the targets to be cooled, wherein the duct has a blowoff port off which the guided cooling air is blown toward each target to be cooled, and the light shield portion changes the amount of covered blowoff port in accordance with the amount of light that the light shield portion shields.

7 Claims, 8 Drawing Sheets

