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Yamada et al.

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(54) **PROJECTOR WITH INTAKE DUCTS PROVIDED IN A CASE THEREOF**

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(57) **ABSTRACT**

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In a projector that includes a light source, an image forming unit, a projection optical unit, and a case to contain the light source, the image forming unit, the projection optical unit, and the power supply, takes outside air in through a first intake duct provided on the case, cools the power supply by circulating the taken outside air to the power supply circumventing the projection optical unit, and exhausts the air after cooling through an exhaust vent provided on the case. A second intake duct is provided nearby the power supply compared to the first intake duct, and the amount of outside air drawn into the case through the second intake duct is larger than the amount of outside air drawn into the case through the first intake duct.

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(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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See application file for complete search history.

7 Claims, 23 Drawing Sheets

