

Title (en)  
Image device.

Title (de)  
Bildaufnahmeverrichtung.

Title (fr)  
Dispositif de formation d'images.

Publication  
**EP 0595468 A1 19940504 (EN)**

Application  
**EP 93307605 A 19930924**

Priority  
JP 25463792 A 19920924

Abstract (en)  
An image device includes a housing for housing an image tube with a predetermined space therebetween, and a plurality of Peltier elements for cooling the photoelectric surface of the image tube. The heat absorption portion of each Peltier element is fixed to a portion near the photoelectric surface of the image tube, and the heat dissipation portion of each Peltier element is fixed to an end plate near the transparent window plate of the housing. The interior of the housing is set at a vacuum. Therefore, the photoelectric surface is free from external thermal influences and can be efficiently cooled by the Peltier elements. In addition, the housing is heated by heat from the heat dissipation portions of the Peltier elements to prevent dew condensation. <IMAGE>

IPC 1-7  
**H01J 29/00**

IPC 8 full level  
**H01J 29/00** (2006.01); **H01J 29/34** (2006.01); **H01J 31/50** (2006.01)

CPC (source: EP)  
**H01J 29/006** (2013.01); **H01J 29/34** (2013.01)

Citation (search report)  
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• [A] US 5118947 A 19920602 - HAMASHIMA SHIGEKI [JP], et al  
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