

Title (en)  
VIDEO DISPLAY AND IMAGE INTENSIFIER SYSTEM

Title (de)  
SYSTEM ZUR BILDVERSTÄRKUNG UND VIDEOANZEIGE

Title (fr)  
SYSTEME D'ECRAN VIDEO ET D'INTENSIFICATEUR D'IMAGES

Publication  
**EP 0917802 A4 19991117 (EN)**

Application  
**EP 96926915 A 19960805**

Priority  
US 9612823 W 19960805

Abstract (en)  
[origin: WO9806217A1] A video display system utilizing a video source (12) and an image intensifier (14) having a substrate (18). A video image source (12) positions at the substrate to provide a photon signal (22). A photocathode element (38) at the substrate converts the photon signal into electrons. An optically transparent body (18, 24) having first and second surfaces is placed opposite the substrate spaced therefrom. A vacuum chamber (32) is formed between the substrate and the first surface of the second optically transparent body. A source of electrical power (44) provides a voltage potential between the photocathode layer (38) and the second fluorescing layer (40). The intensified video image exits the second surface (28) of the second optically transparent body for viewing.

IPC 1-7  
**H04N 5/74**

IPC 8 full level  
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Citation (search report)

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- See references of WO 9806217A1

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