

Title (en)  
IMAGE-INTENSIFYING TUBE WITH MEMORY, AND OPERATING METHOD

Publication  
**EP 0075512 B1 19850123 (FR)**

Application  
**EP 82401670 A 19820914**

Priority  
FR 8117848 A 19810922

Abstract (en)  
[origin: US4680461A] An apparatus and method for obtaining a memory function in picture intensifier or amplifier tubes by providing such tubes with an output screen formed of an electroluminescent cell. This cell emits visible light rays when an electric voltage is applied between its surfaces, and possesses hysteresis properties. When voltage is applied to the screen, the picture sent by the electron beam is stored, and re-established when desired, for a given period. The invention can be applied to radiology.

IPC 1-7  
**H01J 31/50**; **H05B 33/00**

IPC 8 full level  
**H01J 29/18** (2006.01); **H01J 31/50** (2006.01); **H05B 33/00** (2006.01)

CPC (source: EP US)  
**H01J 29/182** (2013.01 - EP US); **H01J 31/50** (2013.01 - EP US); **H05B 33/00** (2013.01 - EP US); **H01J 2231/50036** (2013.01 - EP US); **H01J 2231/50063** (2013.01 - EP US)

Citation (examination)  
• FR 2431184 A1 19800208 - TEKTRONIX INC [US]  
• US 3908148 A 19750923 - LEHRER NORMAN B, et al

Designated contracting state (EPC)  
DE GB NL

DOCDB simple family (publication)  
**EP 0075512 A1 19830330**; **EP 0075512 B1 19850123**; DE 3262058 D1 19850307; FR 2513438 A1 19830325; FR 2513438 B1 19831202; JP S5866241 A 19830420; US 4680461 A 19870714

DOCDB simple family (application)  
**EP 82401670 A 19820914**; DE 3262058 T 19820914; FR 8117848 A 19810922; JP 16480382 A 19820921; US 77594785 A 19850912