

Title (en)
PROJECTION CATHODE RAY TUBE

Publication
EP 0196699 B1 19891011 (DE)

Application
EP 86200379 A 19860310

Priority
DE 3510021 A 19850320

Abstract (en)
[origin: ES8703061A1] Projection television display tube comprising an evacuated envelope having a display window provided on its inside with a display screen, a transparent second window which is disposed in front of said display window on its outside, and a transparent coolant flowing through the space between the display window and the second window, said coolant conveying the heat taken up at the display window through a cooling member to the atmosphere. The coolant is also in thermally conducting contact with a latent heat accumulator, so that an effective cooling is obtained even at peak loads of more than 40 W, and without external pipes.

IPC 1-7
H01J 7/28; H01J 29/86

IPC 8 full level
H01J 7/26 (2006.01); **H01J 7/28** (2006.01); **H01J 29/00** (2006.01); **H01J 29/86** (2006.01); **H01J 31/10** (2006.01)

CPC (source: EP KR US)
H01J 29/006 (2013.01 - EP US); **H01J 29/86** (2013.01 - KR); **Y10S 165/902** (2013.01 - EP US)

Citation (examination)
Patent Abstracts of Japan,unexamined applications,Section E,Vol.9,Nr.153,12.Januar 1985,THE PATENT OFFICE JAPANESE GOVERNMENT,Seite 87 E 289

Cited by
EP0363248A1; FR2637732A1; US4995065A

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