

Title (en)

PROJECTION CATHODE RAY TUBE AND IMAGE DISPLAY DEVICE PROVIDED WITH SUCH A TUBE

Publication

EP 0162971 B1 19881109 (DE)

Application

EP 84200784 A 19840601

Priority

EP 84200784 A 19840601

Abstract (en)

1. A projection display tube having an evacuated envelope (1, 30, 50, 70) with a display window (4, 20, 32, 52, 72) which is provided on the inside with a display screen and in front of which a translucent second window (6, 21, 33, 54, 74) is arranged on the outside, a cooling liquid (16, 37, 57, 77) flowing through the space (7, 34, 55, 75) between the display window and the second window from at least one inlet aperture (19, 59) to at least one outlet aperture, which flow is caused by differences in temperature in the cooling liquid, characterized in that a cooling jacket (8, 36, 56, 76, 156) is arranged in the region of the window and around the said space, which cooling jacket has at least one channel (9, 39, 78) which carries the cooling liquid from the inlet aperture(s) to the outlet aperture(s) of the said space.

IPC 1-7

H01J 29/86

IPC 8 full level

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CPC (source: EP KR US)

H01J 29/006 (2013.01 - EP US); **H01J 29/861** (2013.01 - EP US); **H01J 31/10** (2013.01 - KR)

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DOCDB simple family (publication)

EP 0162971 A1 19851204; EP 0162971 B1 19881109; CA 1243069 A 19881011; DD 232588 A5 19860129; DE 3475140 D1 19881215; ES 543606 A0 19860616; ES 8608733 A1 19860616; JP H0584016 B2 19931130; JP S60264025 A 19851227; KR 860000777 A 19860130; KR 920010663 B1 19921212; US 4899080 A 19900206

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