

Title (en)

GAS DISCHARGE DISPLAY DEVICE COMPRISING AT LEAST ONE SPACER FRAME LIMITING THE POST-ACCELERATION SPACE

Publication

**EP 0031921 B1 19840509 (DE)**

Application

**EP 80107828 A 19801211**

Priority

DE 2952528 A 19791228

Abstract (en)

[origin: US4362967A] A gas discharge display device has a discharge chamber and a post-acceleration chamber which are separated by a perforated control disc having line and column conductors thereon. The post-acceleration chamber is limited at its lateral boundary by at least one spacing frame which leaves the post-acceleration chamber support-free in its active volume. The inner boundary of the lateral spacing frame substantially coincides with the outer boundary of an active luminescent screen surface which limits one side of the post-acceleration chamber, and the frame has a width such that the inner frame boundary is free of sealing material and which further maintains a separation between the outer edge regions of the potential layers on the opposite sides of the post-acceleration chamber. A high post-acceleration voltage can thus be employed in the post-acceleration chamber without producing arcing.

IPC 1-7

**H01J 17/49**

IPC 8 full level

**H01J 17/49** (2006.01); **H01J 31/15** (2006.01)

CPC (source: EP US)

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Citation (examination)

EP 0013365 A1 19800723 - SIEMENS AG [DE]

Cited by

EP0087140A3; EP0133492A3; EP0451362A3; US5207607A; EP0212109A3

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