

Title (en)

Mechanism for maintaining pressure of helium in channels of a palc display panel

Title (de)

Vorrichtung zur Aufrechterhaltung des Heliumdrucks in den Kanälen einer Palc-Anzeigetafel

Title (fr)

Dispositif pour maintenir la pression d'hélium dans les canaux d'un panneau d'affichage palc

Publication

**EP 1059655 A3 20020821 (EN)**

Application

**EP 00303363 A 20000420**

Priority

US 13215799 P 19990503

Abstract (en)

[origin: EP1059655A2] A channel surface of a glass channel substrate for a PALC panel is loaded with helium to a sufficient partial pressure that when the channel substrate is used in a PALC panel with helium as ionizable gas, helium is depleted from the channel at a substantially lower rate than if the channel surface had not been loaded with helium. <IMAGE>

IPC 1-7

**H01J 17/26**; **H01J 17/48**

IPC 8 full level

**G02F 1/1333** (2006.01); **H01J 17/22** (2012.01); **H01J 17/26** (2012.01); **H01J 17/48** (2006.01)

CPC (source: EP)

**H01J 17/22** (2013.01); **H01J 17/26** (2013.01); **H01J 17/485** (2013.01); **H01J 2217/4025** (2013.01)

Citation (search report)

- [E] WO 0070397 A1 20001123 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [A] US 4663564 A 19870505 - KOBAL MANFRED [DE], et al
- [A] DE 3419625 A1 19851128 - SIEMENS AG [DE]
- [A] EP 0833362 A2 19980401 - TEKTRONIX INC [US]

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DOCDB simple family (publication)

**EP 1059655 A2 20001213**; **EP 1059655 A3 20020821**; JP 2000347164 A 20001215

DOCDB simple family (application)

**EP 00303363 A 20000420**; JP 2000131136 A 20000428