

Title (en)
Tube, especially electron tube

Title (de)
Röhre, insbesondere Elektronenröhre

Title (fr)
Tube, notamment tube électronique

Publication
EP 2073242 A3 20100113 (DE)

Application
EP 08169844 A 20081125

Priority
DE 102007062054 A 20071221

Abstract (en)
[origin: EP2073242A2] The tube e.g. klystron (100), has an evacuated or gas-filled region (110), in which a set of electrodes (140, 190) and a sensor device (150) for measuring temperature of one of the electrodes are arranged. The sensor device has a pyrometric sensor (160), where the pyrometric sensor or an optical element upstream to the pyrometric sensor is protected by a closure (170), which can be closed or opened in an electronic or electro mechanical manner. A housing (120) made of insulating heat resistant material e.g. glass, encloses the evacuated region. An independent claim is also included for a system containing a tube.

IPC 8 full level
H01J 1/13 (2006.01); **H01J 23/00** (2006.01); **H01J 23/34** (2006.01)

CPC (source: EP US)
H01J 1/135 (2013.01 - EP US); **H01J 23/00** (2013.01 - EP US); **H01J 23/34** (2013.01 - EP US)

Citation (search report)

- [XY] WO 2007110797 A1 20071004 - PHILIPS INTELLECTUAL PROPERTY [DE], et al
- [XY] GB 1196103 A 19700624 - ASS ELECT IND [GB]
- [XY] WO 2007029580 A1 20070315 - TOKYO ELECTRON LTD [JP], et al
- [Y] GB 411891 A 19340611 - VICTOR HENRY GILBERT, et al
- [A] JP S5721100 A 19820203 - TOKYO SHIBAURA ELECTRIC CO
- [A] GB 1157194 A 19690702 - HIRST MICROWAVE HEATING LTD [GB]

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WO2022229005A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2073242 A2 20090624; **EP 2073242 A3 20100113**; CN 101504900 A 20090812; DE 102007062054 A1 20090702;
DE 102007062054 B4 20100408; US 2009167133 A1 20090702

DOCDB simple family (application)
EP 08169844 A 20081125; CN 200810191049 A 20081222; DE 102007062054 A 20071221; US 33512008 A 20081215