

Title (en)

Process for the fabrication of a display tube for the luminous sign technology and the illumination of advertising technique forms

Title (de)

Verfahren zum Herstellen einer Anzeigeröhre für die Lichtanzeigetechnik und die Ausleuchtung von werbetechnischen Formen

Title (fr)

Procédé pour la fabrication d'un tube d'affichage pour la technologie des enseignes lumineuses et l'illumination de formes technopublicitaires

Publication

**EP 0984480 A3 20000517 (DE)**

Application

**EP 99117139 A 19990831**

Priority

DE 19839965 A 19980902

Abstract (en)

[origin: EP0984480A2] The method involves manually bending a glass tube washed with a fluorescent material into any shape; melting coil electrodes onto the ends of the deformed glass tube, whereby one coil electrode has a pump connector; alternately heating the tube with external energy to oxidize unwanted components, and to assist the formation of the coil electrodes and coils, and flushing the tube with gas via the pump connection; filling the tube with at least one gas or gas mixture; melting the pump connector off; and burning in the glass tube. Independent claims are also included for a system with a display tube and a method of operating a display tube.

IPC 1-7

**H01J 9/24**; **H05B 41/16**; **G09F 13/26**

IPC 8 full level

**G09F 13/26** (2006.01); **H01J 9/24** (2006.01); **H01J 61/32** (2006.01); **H05B 41/16** (2006.01)

CPC (source: EP)

**G09F 13/26** (2013.01); **H01J 9/247** (2013.01); **H01J 61/32** (2013.01)

Citation (search report)

- [DYA] FR 2393414 A1 19781229 - KAWAMURA OSAMU [JP]
- [DYA] US 4303290 A 19811201 - TSUNEKAWA SHINICHI, et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0984480 A2 20000308**; **EP 0984480 A3 20000517**; **EP 0984480 B1 20040317**; DE 19839965 A1 20000309; DE 19839965 C2 20030417; DE 59908856 D1 20040422

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