

Title (en)

FIELD EMISSION DEVICE HAVING A COMPOSITE SPACER

Title (de)

FELDENEMISSIONSVORRICHTUNG MIT EINEM ZUSAMMENGESTELTEN ABSTANDHALTER

Title (fr)

DISPOSITIF A EMISSION DE CHAMP AVEC ELEMENT D'ESPACEMENT COMPOSITE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9931699A1] A field emission display (100) includes a cathode (102) having a plurality of electron emitters (124), an anode (104) opposing the cathode (102), and a composite spacer (108) extending between the anode (104) and the cathode (102). The composite spacer (108) includes a first layer (107), which is made from a dielectric or bulk resistive material, and a conductive layer (109), which is attached to the first layer (107) and is made from a metal, metal alloy, or a ceramic-metal composite material. The height of the composite spacer (108) is greater than 500 micrometers.

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H01J 1/62

IPC 8 full level

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