

Title (en)

METHOD OF PRODUCING A NANOWIRE PHOTOCATHODE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER NANODRAHTFOTOKATHODE

Title (fr)

MÉTHODE DE FABRICATION D'UNE PHOTOCATHODE À NANOFILS

Publication

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Application

**EP 17731230 A 20170529**

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Abstract (en)

[origin: WO2017207898A2] The invention relates to a photocathode comprising an amorphous substrate, such as a glass substrate (110), having an input face for receiving incident photons and a rear face opposite the input face. Nanowires (120) made from at least one III-V semiconductor material are deposited on the rear face of the substrate and extend from said face away from the input face. The invention also relates to a method for the MBE production of such a photocathode.

IPC 8 full level

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