

Title (en)
GALVANIC GROWTH OF NANOWIRES

Title (de)
GALVANISCHES WACHSTUM VON NANODRÄHTEN

Title (fr)
CROISSANCE GALVANIQUE DE NANOFILS

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Application
EP 21710472 A 20210308

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Abstract (en)
[origin: WO2021185619A1] The invention relates to a method for providing a large number of nanowires (14) on a surface (15), comprising: a) providing an electrolyte distributor (1), b) providing a film (16) having a large number of continuous pores (17), c) arranging the film (16) between the surface (15) and an outlet side (4) of the electrolyte distributor (1), d) introducing a liquid electrolyte into the electrolyte distributor (1), so that the liquid electrolyte is dispensed onto the film (16) on the outlet side (4) of the electrolyte distributor (1), and e) applying an electrical voltage between the liquid electrolyte and the surface (15), so that, in the pores (17) of the film (16), the nanowires (14) are grown out of the liquid electrolyte onto the surface (15).

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