

Title (en)

METHOD FOR MANUFACTURING A DETECTION DEVICE COMPRISING AN ENCAPSULATING STRUCTURE COMPRISING AN OPAQUE THIN LAYER RESTING ON A PERIPHERAL MINERAL WALL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER DETEKTIONSVORRICHTUNG MIT EINER EINKAPSELUNGSSTRUKTUR MIT EINER OPAKEN DÜNN SCHICHT AUF EINER PERIPHEREN MINERALISCHEN WAND

Title (fr)

PROCEDE DE FABRICATION D'UN DISPOSITIF DE DETECTION COMPORTANT UNE STRUCTURE D'ENCAPSULATION COMPORTANT UNE COUCHE MINCE OPAQUE REPOSANT SUR UNE PAROI PERIPHERIQUE MINERALE

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Application

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Abstract (en)

[origin: WO2022144427A1] The invention relates to a method for manufacturing a detection device (1), comprising the steps of: o producing thermal detectors distributed in a detection array (2p) and a compensation array (2s) by means of sacrificial mineral layers (41, 42); o producing an encapsulating structure (30s) comprising an opaque thin layer (33) extending above the compensation array (2s); o partially removing the sacrificial mineral layers (41, 42) by chemical etching, so as to release the detection array (2p) and the compensation array (2s), and to obtain a peripheral wall (31s) then formed of a non-etched portion of the sacrificial mineral layers (41, 42) and surrounding the compensation array (2s), the opaque thin layer (33) then being suspended above the compensation array (2s) and resting on the peripheral wall.

IPC 8 full level

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