

Title (en)

INTERFEROMETER DEVICE AND METHOD FOR PRODUCING AN INTERFEROMETER DEVICE

Title (de)

INTERFEROMETEREINRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINER INTERFEROMETEREINRICHTUNG

Title (fr)

DISPOSITIF INTERFÉROMÉTRIQUE ET PROCÉDÉ DE FABRICATION D'UN DISPOSITIF INTERFÉROMÉTRIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020234139A1] The present invention relates to an interferometer device (10), comprising: an interferometer unit (1), which has a base substrate (2), a Fabry-Perot unit (FPI) and a detector device (3); and a housing (G), which comprises a bottom plate (BP) and a cover structure (4), wherein: the cover structure (4) is arranged on the bottom plate (BP) and encloses a second cavity (K2) between the cover structure (4) and the bottom plate (BP); the bottom plate (BP) or the cover structure (4) comprises an opening (5), which is surrounded by side walls (5a), which extend perpendicularly to a surface of the bottom plate (BP) or the cover structure (4); and the interferometer unit (1) is arranged in the second cavity (K2) and in a light incidence direction (L) through the opening (5) such that the Fabry-Perot unit (FPI) of the interferometer unit (1) faces the opening (5).

IPC 8 full level

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