

Title (en)

POLARIZATION ORIENTING AND FILTERING DEVICE

Title (de)

POLARISATIONSORIENTIERUNGS- UND FILTERUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE FILTRAGE ET D'ORIENTATION EN POLARISATION

Publication

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Application

EP 22731649 A 20220602

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Abstract (en)

[origin: WO2022253987A1] The invention relates to a fibre-optic polarization orienting and filtering device (1) comprising a first single-mode optical fibre (SM1), having a downstream end (42), and a polarizing optical fibre (PZ), having a first end (81) and a second end (82), characterized in that the device (1) further comprises: - a first rigid opto-mechanical linking region (ZL1) connecting the downstream end (42) of the first single-mode optical fibre (SM1) and the first end (81) of the polarizing optical fibre (PZ) along a first linking axis, and - an orientation adjusting system (13), the system being suitable for adjusting the angular position of the first linking region (ZL1) about the first linking axis (D1).

IPC 8 full level

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