

Title (en)

DEVICE AND METHOD FOR CHARACTERIZING A LASER BEAM

Title (de)

VORRICHTUNG UND VERFAHREN ZUR CHARAKTERISIERUNG EINES LASERSTRAHLS

Title (fr)

DISPOSITIF ET PROCEDE POUR CARACTERISER UN FAISCEAU LASER

Publication

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Application

**EP 11749458 A 20110902**

Priority

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Abstract (en)

[origin: WO2012028726A1] The invention relates to a device (1) and a method for measuring a magnetization generated within an active medium (10) or characterizing a linearly polarized electromagnetic wave when said active medium exhibits an inverse Cotton-Mouton effect, characterized in that it includes, in combination, at least one of the following elements: an active medium (10) in which a linearly polarized electromagnetic wave propagates; a means (11, 12) for producing a transverse magnetic field Bt relative to the propagation direction D1 of said electromagnetic wave; and a device (2) for measuring the electrical signal appropriate for translating the magnetization generated within said active medium (10) by said electromagnetic wave.

IPC 8 full level

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