

Title (en)
PUPILLARY IMAGING SPECTROMETER

Title (de)
PUPILLENBILDGEBENDES SPEKTROMETER

Title (fr)
SPECTROMETRE A IMAGERIE PUPILLAIRE

Publication
EP 3784998 A1 20210303 (FR)

Application
EP 20710227 A 20200214

Priority
• FR 1901658 A 20190219
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Abstract (en)
[origin: WO2020169905A1] A spectrometer (10) comprises an optic for collecting radiation (1), a mask (2) with a plurality of openings, a pupillary imaging system (3), a spectral-spread-function assembly and a photodetector (7). The pupillary imaging system forms images (PE1, PE2, PE3, ...) of an entrance pupil (PE) of the spectrometer on the photodetector, through the spectral-spread-function assembly. In this way, homogeneity is obtained for the spectral-response function of the spectrometer, relative to heterogeneities in luminance distribution that may exist inside each spatial sample of the scene.

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CPC (source: EP)
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Citation (search report)
See references of WO 2020169905A1

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