

Title (en)
RECORDING APPARATUS

Title (de)
AUFZEICHNUNGSVORRICHTUNG

Title (fr)
APPAREIL D'ENREGISTREMENT

Publication
EP 3626462 B1 20220330 (EN)

Application
EP 19195988 A 20190906

Priority
JP 2018175209 A 20180919

Abstract (en)
[origin: EP3626462A1] A recording apparatus (250, 250a, 250b) includes a recording head (160, 160a), a light source (150), an irradiation optical device (110), a coupling optical device (120), a detector (130), and an arithmetic device (140). The recording head (160, 160a) is configured to eject liquid containing scattering particles. The irradiation optical device (110) is configured to irradiate the recording head (160, 160a) with an irradiation light being at least a part of light emitted from the light source (150). The coupling optical device (120) is configured to couple reflected or scattered light with reference light to from a coupled light. The detector (130) is configured to detect the coupled light formed by the coupling optical device (120). The arithmetic device (140) is configured to acquire an optical interference tomographic image of the liquid inside the recording head (160, 160a) based on the coupled light.

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