

Title (en)

IMAGE RECORDING APPARATUS AND IMAGE RECORDING METHOD

Title (de)

BILDAUFZEICHNUNGSVORRICHTUNG UND BILDAUFZEICHNUNGSVERFAHREN

Title (fr)

APPAREIL D'ENREGISTREMENT D'IMAGE ET PROCÉDÉ D'ENREGISTREMENT D'IMAGE

Publication

EP 3412469 B1 20200408 (EN)

Application

EP 17747611 A 20170203

Priority

- JP 2016021355 A 20160205
- JP 2017004127 W 20170203

Abstract (en)

[origin: EP3412469A1] An image recording apparatus configured to irradiate a recording target with laser light to record an image includes a plurality of laser emission parts 42a that are disposed side by side in the Z-axis direction and are configured to emit laser light; an optical unit configured to collect a plurality of beams of laser light emitted by the laser emission parts 42a onto a surface of the recording target moving in a direction orthogonal to the Z-axis direction; and an output control unit configured to perform control such that energy of laser light emitted from a laser emission part positioned at an end for emitting laser light to be transmitted through the vicinity of an end portion of the optical unit, of the laser emission parts 42a, is greater than energy of laser light emitted from a laser emission part other than the laser emission part positioned at an end.

IPC 8 full level

B41J 2/447 (2006.01); **B41J 2/46** (2006.01); **B41J 2/475** (2006.01)

CPC (source: EP)

B41J 2/475 (2013.01); **B41J 2/447** (2013.01); **B41J 2/46** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3412469 A1 20181212; **EP 3412469 A4 20190220**; **EP 3412469 B1 20200408**; CN 108684201 A 20181019; CN 108684201 B 20200804

DOCDB simple family (application)

EP 17747611 A 20170203; CN 201780009573 A 20170203