

Title (en)

HEATING DEVICE, FIXING DEVICE, AND IMAGE FORMING APPARATUS

Title (de)

HEIZVORRICHTUNG, FIXIERVORRICHTUNG UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE CHAUFFAGE, DISPOSITIF DE FIXATION ET APPAREIL DE FORMATION D'IMAGES

Publication

EP 3663861 B1 20220316 (EN)

Application

EP 19211007 A 20191122

Priority

- JP 2018221282 A 20181127
- JP 2019038471 A 20190304

Abstract (en)

[origin: EP3663861A1] A heating device (7) includes an endless heating belt (22), a pressing member (23), a nip formation pad (32), a heater (31), a reflector (34), and a support (33). The reflector (34) is disposed inside the loop of the heating belt (22) and has an opening (34c) disposed opposite a first portion of the heating belt (22) other than a second portion of the heating belt (22) facing the nip formation pad (32) in a circumferential direction of the heating belt (22). The opening (34c) of the reflector (34) is disposed at a position, in a width direction of the heating belt (22), corresponding to an end of a recording medium having the largest width in recording media that the heating device (7) handles. The support (33) is disposed inside the loop of the heating belt (22) and supports the nip formation pad (32). The support (33) has an opening (33c) disposed opposite the first portion of the heating belt (22). The opening (33c) of the support (33) is disposed at a position, in the width direction of the heating belt (22), corresponding to the end of the recording medium.

IPC 8 full level

G03G 15/20 (2006.01)

CPC (source: EP)

G03G 15/2053 (2013.01); **G03G 15/2064** (2013.01); **G03G 2215/2035** (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 3663861 A1 20200610; EP 3663861 B1 20220316

DOCDB simple family (application)

EP 19211007 A 20191122