

Title (en)
FIXING DEVICE AND IMAGE FORMING APPARATUS INCORPORATING SAME

Title (de)
FIXIERVORRICHTUNG UND BILDERZEUGUNGSVORRICHTUNG DAMIT

Title (fr)
DISPOSITIF DE FIXATION ET APPAREIL DE FORMATION D'IMAGES LE COMPRENANT

Publication
EP 3693802 A1 20200812 (EN)

Application
EP 20154150 A 20200128

Priority

- JP 2019020538 A 20190207
- JP 2019038475 A 20190304
- JP 2019121360 A 20190628

Abstract (en)
A fixing device (5) includes a fixing member (22), a pressing member (23), a nip formation member (32) pressed by the pressing member (23) via the fixing member (22), a plurality of heat generators (31a, 31b), and a shield (34) inside the fixing member (22) to block heat from the heat generators (31a, 31b). The plurality of heat generators (31a, 31b) includes one heat generator (31b) close to the nip formation member (32) and the other heat generator (31a) farther from the nip formation member (32) than the one heat generator (31b) in a direction that is perpendicular to a recording medium conveyance direction and is not a width direction of the fixing member (22). The shield (34) has a part disposed between the one heat generator (31b) and the other heat generator (31a) in a cross section that intersects the width direction of the fixing member (22).

IPC 8 full level
G03G 15/20 (2006.01)

CPC (source: EP)
G03G 15/2053 (2013.01); **G03G 2215/2035** (2013.01)

Citation (applicant)
JP 2016035601 A 20160317 - BROTHER IND LTD

Citation (search report)

- [XAY] JP 2016212278 A 20161215 - RICOH CO LTD
- [XY] JP 2014041172 A 20140306 - CANON KK
- [XY] US 2016246228 A1 20160825 - FUJIMOTO IPPEI [JP], et al
- [XY] US 2014169820 A1 20140619 - KUSUMOTO HIROSHI [JP]
- [Y] JP 2014238428 A 20141218 - RICOH CO LTD
- [Y] JP 2015118238 A 20150625 - KONICA MINOLTA INC

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3693802 A1 20200812

DOCDB simple family (application)
EP 20154150 A 20200128