

Title (en)
Fixing device and image forming apparatus employing same

Title (de)
Fixiergerät und Bildaufzeichnungsgerät

Title (fr)
Appareil de fixation et de formation d'images

Publication
EP 2541339 A3 20170322 (EN)

Application
EP 12171711 A 20120613

Priority
JP 2011143298 A 20110628

Abstract (en)
[origin: EP2541339A2] A fixing device (16) includes a pair of rollers (30) forming a fixing nip (N) therebetween and a nip pressure adjusting unit (50) including a pair of first and second operation levers (45a, 45b) disposed near widthwise ends of the pair of rollers (30) to adjust a nip pressure generated in the fixing nip (N) by moving the pair of first and second operation levers (45a, 45b). The nip pressure adjusting unit (50) further includes a first movement member (51) cooperating with the first operation lever (45a) to perform a first movement, a second movement member (52) cooperating with the second operation lever (45b) to perform a second movement, and a detector (53) to detect both of the first and second movements being performed and generate a turn on signal. The fixing device (16) becomes operable only when the turn on signal is generated by the detector (53).

IPC 8 full level
G03G 15/20 (2006.01)

CPC (source: EP)
G03G 15/2032 (2013.01); **G03G 15/2028** (2013.01)

Citation (search report)

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- [A] US 2002127022 A1 20020912 - TANAKA NORIAKI [JP]
- [A] US 2008181662 A1 20080731 - LEE CHOONG-YONG [KR], et al
- [A] US 2011097122 A1 20110428 - OKAMOTO MASAMI [JP]

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)
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