

Title (en)  
FIXING DEVICE AND IMAGE FORMING APPARATUS INCLUDING THE SAME

Title (de)  
FIXIERVORRICHTUNG UND BILDERZEUGUNGSVORRICHTUNG DAMIT

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

Publication  
**EP 3380895 A4 20200415 (EN)**

Application  
**EP 16879145 A 20161019**

Priority  
• JP 2015249896 A 20151222  
• KR 20160091446 A 20160719  
• KR 2016011715 W 20161019

Abstract (en)  
[origin: JP2017116650A] PROBLEM TO BE SOLVED: To suppress an increase in torque at the start of driving of a fixing belt in a fixing device of a belt nip system.SOLUTION: A fixing device 50 applies heat and pressure to a medium P on which a toner image is formed with a pair of rotors to fix the toner image to the medium. The fixing device 50 comprises: a cylindrical fixing belt 51 that is one of the pair of rotors; a pressure roller 52 that is the other of the pair of rotors and presses the medium P against an outer peripheral surface of the fixing belt 51; and a contact member 54 that is fixed on the inside of the fixing belt 51, and includes a contact part 65b receiving a load from the pressure roller 52 and in contact with an inner peripheral surface 51b of the fixing belt 51. The contact part 65b includes a plurality of convex shapes projecting toward the pressure roller 52 side.SELECTED DRAWING: Figure 3

IPC 8 full level  
**G03G 15/16** (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP KR US)  
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Citation (search report)  
• [X] US 6456819 B1 20020924 - ABE ATSUYOSHI [JP], et al  
• [X] US 2006083567 A1 20060420 - ITO YOSHIKUNI [JP], et al  
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