

Title (en)  
Fixing device.

Title (de)  
Fixiervorrichtung.

Title (fr)  
Dispositif de fixation.

Publication  
**EP 0060328 A2 19820922 (DE)**

Application  
**EP 81108915 A 19811026**

Priority  
DE 3109164 A 19810311

Abstract (en)  
[origin: US4438321A] Disclosed is a fixing device for an electrophotographic copier, comprising a heater plate for fixing the toner image of a recording support passing over the surface of said heater plate. The heater plate comprises a multiple-layered laminate including a contact layer for contacting the recording support; a heating layer; and at least first and second heat-insulating layers, one provided on either side of the heating layer and being selected so as to provide for a lower heat capacity of the heater plate during the heating-up operation and until it reaches the working temperature than the heat capacity during continuous operation. The device comprises a heat accumulating layer, and the first insulating layer is adjacent to the contact layer and the second insulating layer is in contact with the heat accumulating layer. The heat transfer coefficient of the first insulating layer is higher than the heat transfer coefficient of the second insulating layer.

Abstract (de)  
Die Erfindung betrifft eine Fixiervorrichtung mit einer aus mehreren Schichten 1 bis 5 bestehenden Heizplatte 9. Eine Heizschicht 1 wird zu beiden Seiten von je einer Isolierschicht 2, 4 eingeschlossen. An die eine Isolierschicht 2 grenzt eine Kontaktschicht 3 an, über die ein Aufzeichnungsträger 7, der das zu fixierende Tonerbild trägt, geführt wird. An die andere Isolierschicht 4 liegt eine Speicherschicht 5 an.

IPC 1-7  
**G03G 15/20**

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

CPC (source: EP US)  
**G03G 15/2014** (2013.01 - EP US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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