

Title (en)

Heater and image heating device utilizing the same.

Title (de)

Heizelement und dieses Elements verwendende Bildheizvorrichtung.

Title (fr)

Élément chauffant et dispositif de chauffage d'une image utilisant ledit élément.

Publication

EP 0632344 A2 19950104 (EN)

Application

EP 94108189 A 19940527

Priority

- JP 12710293 A 19930528
- JP 13353693 A 19930603
- JP 13617193 A 19930607
- JP 19217793 A 19930803
- JP 27089193 A 19931028

Abstract (en)

An image heating device having a heater and a plastic film contacting the heater on a face and contacting the unfixed toner image on the recording sheet on the other face, thus transmitting heat from the heater to the toner image through the plastic film, is provided with a hard carbon film, a hydrogenated amorphous carbon film or a diamond-like carbon film at the interface between the heater and the plastic film in order to improve the sliding performance and durability. <IMAGE>

IPC 1-7

G03G 15/20; H05B 3/26

IPC 8 full level

G03G 15/20 (2006.01)

CPC (source: EP)

G03G 15/2003 (2013.01); **G03G 15/2064** (2013.01)

Cited by

US6031970A; US6078027A; GB2352247A; SG91866A1; EP1052307A3; US6049064A; EP0658827A3; EP0838734A3; US8055173B2; US6571865B1; US9257730B2; US7917073B2; US8145112B2; WO9709593A1; US7165830B2; US9909677B2; US11209760B1

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