

Title (en)

Method and apparatus for imaging electrophotographic member with heat energy.

Title (de)

Verfahren und Vorrichtung zur elektrophotographischen Bilderzeugung mittels Wärmezufuhr.

Title (fr)

Procédé et appareil pour former une image électrostatique à l'aide de l'énergie calorifique.

Publication

EP 0190404 A1 19860813 (EN)

Application

EP 85114055 A 19851105

Priority

US 66814184 A 19841105

Abstract (en)

The electrostatic charge carried on the photoconductive coating surface of an electrophotographic member is discharged in certain areas by increasing the temperature thereof through application of heat energy. A thermal imaging head provides a plurality of point source heat elements linearly arranged across the width of the charged surface. Electrical current is passed through the resistive heat elements to dissipate energy which is transferred to the member.

IPC 1-7

G03G 15/12; **G03G 13/12**; **G03G 5/028**

IPC 8 full level

G03G 15/22 (2006.01); **G03G 15/32** (2006.01)

CPC (source: EP)

G03G 15/22 (2013.01); **G03G 15/32** (2013.01)

Citation (search report)

- GB 1028997 A 19660511 - KODAK LTD
- DE 1522741 A1 19691030 - ELEKTRONISCHE RECHENMASCH IND
- US 4025339 A 19770524 - KUEHNLE MANFRED R
- GB 2019782 A 19791107 - ENERGY CONVERSION DEVICES INC
- FR 1495284 A 19670915 - TEXAS INSTRUMENTS INC
- US 3128198 A 19640407 - DULMAGE WILLIAM J, et al

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

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