

Title (en)
ELECTROPHOTOGRAPHIC PRINTING DEVICE

Title (de)
ELEKTROFOTOGRAPHISCHE DRUCKVORRICHTUNG

Title (fr)
DISPOSITIF D'IMPRESSION ELECTROPHOTOGRAPHIQUE

Publication
EP 1425632 B1 20091014 (DE)

Application
EP 02797593 A 20020819

Priority
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• EP 0209247 W 20020819

Abstract (en)
[origin: US7123868B2] An electrophotographic printing device including a toner-developer unit, a lighting device, a developer drum, a photoconductor, a transfer unit and an earthed charging device. The substrate to be printed is placed on a transport device and moved along the transfer unit and the toner image of the transfer unit is transmitted to the substrate. A clear, sharp and shadow-free printed image is obtained by arranging the substrate on a non-earthed, electrically conductive layer which is insulated relative to the earthed transport device by an insulator extending along the charging device that is located above the substrate and the measurement of substrate that is to be printed and that is oriented in the direction of transport. The charging device can be charged at a potential, exciting voltage $U_{SUB>F</SUB>}$, of between 1 to 10 kV, more particularly 1.5 to 4 kV.

IPC 8 full level
G03G 15/16 (2006.01)

CPC (source: EP US)
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