

Title (en)
METHOD FOR UV CURING TONER IMAGES APPLIED TO AN IMAGE SUPPORT IN AN ELECTROGRAPHIC PRINTING OR COPYING DEVICE

Title (de)
VERFAHREN ZUR UV-HÄRTUNG VON AUF EINEM BILDTRÄGER AUFGEBRACHTEN TONERBILDERN BEI EINER ELEKTROGRAFISCHEN DRUCK- ODER KOPIEREINRICHTUNG

Title (fr)
PROCEDE DE DURCISSEMENT PAR RAYONS ULTRAVIOLETS D'IMAGES REVELEES APPLIQUEES SUR UN SUPPORT DANS LE CAS D'UNE IMPRIMANTE OU D'UNE PHOTOCOPIEUSE ELECTROGRAFIQUE

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EP 1787169 A1 20070523 (DE)

Application
EP 05790753 A 20050909

Priority
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Abstract (en)
[origin: WO2006027264A1] The aim of the invention is to cure and gloss the toner images (403) applied and fixed to an image support, e.g. a final image support (402). Said aim is achieved by disposing a radiation source (601) behind the fixing station, said radiation source (601) directing UV radiation (602) with an IR component onto the image support (402). The toner material that contains curable components is cured and/or glossed in accordance with the selected wavelength by means of said radiation. In addition, the viscosity of the toner images can be increased in such a way that the transfer printing process can be performed using merely contact pressure.

IPC 8 full level
G03G 13/20 (2006.01); **G03G 15/00** (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP US)
G03G 13/20 (2013.01 - EP US); **G03G 15/2007** (2013.01 - EP US); **G03G 15/2098** (2021.01 - EP US); **G03G 15/6573** (2013.01 - EP US); **G03G 2215/209** (2013.01 - EP US)

Citation (search report)
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DOCDB simple family (publication)
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