

Title (en)

Printing plate for raised printing and method of making the same.

Title (de)

Druckplatte für erhabenen Druck und Methode zu deren Herstellung.

Title (fr)

Plaque d'impression pour imprimerie en relief et sa méthode de production.

Publication

EP 0104625 A1 19840404 (EN)

Application

EP 83109493 A 19830923

Priority

US 42302282 A 19820924

Abstract (en)

A printing plate formed by transferring a toned electrostatically formed image to a thin coating (10 min) of one reactive component of a two-part thermosetting epoxy resin system bonded to a sheet metal substrate (12). The toner includes the second reactive component of said epoxy system. The coating can include a heat softenable material and also can include the hardener reactive component while the toner can be formed of the second or epoxy component either with or without a small amount of hardener. Heat (32) after transfer can be employed to complete polymerization of the two components.

IPC 1-7

G03G 13/26; G03G 13/16; B41N 1/04

IPC 8 full level

G03G 9/08 (2006.01); **G03G 9/087** (2006.01); **G03G 13/28** (2006.01); **G03G 13/32** (2006.01)

CPC (source: EP)

G03G 13/283 (2013.01); **G03G 13/32** (2013.01)

Citation (search report)

- GB 1314109 A 19730418 - FUJI PHOTO FILM CO LTD
- DE 2226292 A1 19730104 - RICOH KK
- US 4025339 A 19770524 - KUEHNLE MANFRED R

Cited by

US4927727A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

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EP 83109493 A 19830923; AU 1959183 A 19830926; BR 8305279 A 19830926; DK 437483 A 19830923; ES 525889 A 19830923; IL 6980583 A 19830925; JP 17686983 A 19830924; ZA 837104 A 19830923