

Title (en)

Black metal thermally imageable transparency elements.

Title (de)

Schwarz-Metall wärmebildbare Transparenz-Elemente.

Title (fr)

Éléments métalliques noirs pour la formation par la chaleur d'images visibles par transmission.

Publication

EP 0673785 A1 19950927 (EN)

Application

EP 95104110 A 19950321

Priority

US 21735894 A 19940324

Abstract (en)

A process for forming an image on a transparent or translucent substrate comprising the steps of providing an imageable element comprising a transparent or translucent glass or polymeric film having a coating of a black metal on one surface thereof, directing radiation in an imagewise distributed pattern at said black metal layer with sufficient intensity to substantially increase the light transmissivity of the medium in the irradiated region in an imagewise distributed pattern, said element having no layers comprising a thermally activated gas-generating composition. The image comprises residual black metal on the film base, and may be used for overhead transparencies, contact negatives/positives, and the like.

IPC 1-7

B41M 5/24; **B41M 5/40**; **B41C 1/055**

IPC 8 full level

G03F 7/105 (2006.01); **B41C 1/10** (2006.01); **B41M 5/24** (2006.01); **B41M 5/26** (2006.01); **B41M 5/28** (2006.01); **B41M 5/30** (2006.01); **B41M 5/337** (2006.01); **B41M 5/382** (2006.01); **B41M 5/46** (2006.01)

CPC (source: EP)

B41C 1/1041 (2013.01); **B41M 5/24** (2013.01); **B41M 5/465** (2013.01)

Citation (search report)

- [X] WO 8600575 A1 19860130 - MINNESOTA MINING & MFG [US] & US 4599298 A 19860708 - FISCH RICHARD S [US]
- [A] US 3474457 A 19691021 - BECKER CARL H

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US6180318B1; US10279069B2

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DE FR GB IT

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