

Title (en)

Coating method for thermographic imaging element, coating solution for thermographic image forming layer, thermographic imaging element, and photothermographic imaging element

Title (de)

Beschichtungsverfahren für ein thermographisches Bildaufzeichnungselement, Beschichtungslösung für eine thermographische Bildaufzeichnungsschicht, thermographisches Bildaufzeichnungselement und photothermographisches Bildaufzeichnungselement

Title (fr)

Procédé de revêtement pour un élément thermographique formateur d'image, solution de revêtement pour une couche thermographique formatrice d'image, élément thermographique formateur d'image et élément photothermographique formateur d'image

Publication

EP 0883022 B1 20000809 (EN)

Application

EP 98109374 A 19980522

Priority

- JP 16499397 A 19970606
- JP 29788797 A 19971015

Abstract (en)

[origin: EP0883022A1] In a process for the preparation of a thermographic imaging element, a coating solution containing an organic silver salt and a binder is applied. The coating solution should have a viscosity at 25 DEG C of 500-500,000 mPa.s at a shear rate of 0.1 s⁻¹ and 0.1-100 mPa.s at a shear rate of 1,000 s⁻¹. A coating free of streaks and wind-swept variations can be formed at a high speed. Thermographic and photothermographic imaging elements having improved surface quality and a satisfactory imaging capability are obtained.

IPC 1-7

G03C 1/74; G03C 1/498; B41M 5/32

IPC 8 full level

G03C 1/498 (2006.01); **G03C 1/74** (2006.01)

CPC (source: EP)

G03C 1/498 (2013.01); **G03C 1/74** (2013.01); G03C 1/4989 (2013.01)

Cited by

EP1168067A3; EP1215531A3; US6551770B2; US7094744B1; US6555309B2; WO0132822A1; EP1635216A1; EP1484641A1; EP1582919A1

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EP 0883022 A1 19981209; **EP 0883022 B1 20000809**; AT E195377 T1 20000815; DE 69800251 D1 20000914; DE 69800251 T2 20010118; JP 3832946 B2 20061011; JP H1152509 A 19990226

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