

Title (en)

Photographic elements sensitive to near infrared.

Title (de)

Zum Nah-Infrarot empfindliche photographische Elemente.

Title (fr)

Éléments photographiques sensibles à l'infra-rouge proche.

Publication

EP 0179555 A1 19860430 (EN)

Application

EP 85306175 A 19850830

Priority

GB 8422069 A 19840831

Abstract (en)

Photographic elements which may be imaged by laser scanners emitting in the near infrared without the formation of interference fringes comprising a support bearing one or more layers of a silver halide emulsion having grains of a average diameter of no more than 0.4 micron, the element including one or more of: (i) a topcoat layer which is an outermost layer on the same side of the support as the photosensitive emulsion which topcoat layer is a diffuse transmitting layer with respect to near infrared radiation, (ii) a backing layer which is an outermost layer on the side of the support remote from the photosensitive emulsion which backing layer is a diffuse reflecting layer or absorbing layer with respect to near infrared radiation, (iii) a subbing layer which is positioned between the support and the photosensitive emulsion which subbing layer is a diffuse transmitting or absorbing layer with respect to near infrared radiation. Whereby the the element may be imaged by a laser scanning system emitting near infrared radiation substantially without formation of non-contact interference fringes.

IPC 1-7

G03C 5/16; **G03C 1/76**; **G03C 1/84**

IPC 8 full level

G03C 1/005 (2006.01); **G03C 1/035** (2006.01); **G03C 1/08** (2006.01); **G03C 1/28** (2006.01); **G03C 1/76** (2006.01); **G03C 1/825** (2006.01); **G03C 1/95** (2006.01); **G03C 5/16** (2006.01)

CPC (source: EP KR)

G03C 1/775 (2013.01 - KR); **G03C 1/825** (2013.01 - EP); **G03C 1/95** (2013.01 - EP); **G03C 5/164** (2013.01 - EP)

Citation (search report)

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