

Title (en)

Process of imaging through an imaged, infrared sensitized, photothermographic article.

Title (de)

Verfahren zur Bilderzeugung durch einen bildtragender infrarot sensibilisierten photothermographischen Artikel.

Title (fr)

Procédé de formation d'images à travers un article photothermographique imagé sensibilisé à infrarouge.

Publication

EP 0681213 A3 19960327 (EN)

Application

EP 95401003 A 19950502

Priority

US 23647794 A 19940502

Abstract (en)

[origin: EP0681213A2] A process for exposing, developing and then exposing or viewing through an infrared sensitized photothermographic silver halide element comprising a support layer having on at least one surface thereof a photothermographic composition comprising a binder, a light insensitive silver source, a reducing agent for silver ion and infrared radiation sensitive preformed silver halide grains having number average particle size of <0.10 micron with at least 80% of all grains with +/-0.05 microns of the average, in combination with an antihalation layer having an absorbance ratio of IR absorbance (before exposure)/visible absorbance (after processing) >30, and an IR absorbance of at least 0.3 within the range of 750-1400 and an optical density of less than 0.03 in the visible region.

IPC 1-7

G03C 5/16; G03C 1/498; G03C 1/83; G03C 1/20; G03C 1/28

IPC 8 full level

G03C 5/00 (2006.01); **G03C 1/498** (2006.01); **G03C 1/83** (2006.01); **G03C 5/08** (2006.01); **G03C 5/16** (2006.01)

CPC (source: EP)

G03C 1/498 (2013.01); **G03C 1/83** (2013.01); **G03C 5/164** (2013.01); **G03C 1/20** (2013.01); **G03C 1/26** (2013.01); **G03C 1/28** (2013.01); **G03C 1/49845** (2013.01); **G03C 1/49872** (2013.01); **G03C 1/49881** (2013.01); **G03C 1/825** (2013.01); **G03C 5/16** (2013.01); **G03C 2200/39** (2013.01)

Citation (search report)

[PX] EP 0627660 A1 19941207 - MINNESOTA MINING & MFG [US]

Cited by

EP0810468A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0681213 A2 19951108; **EP 0681213 A3 19960327**; JP H07301890 A 19951114

DOCDB simple family (application)

EP 95401003 A 19950502; JP 9667495 A 19950421