

Title (en)  
High-contrast photographic elements with improved maximum density

Title (de)  
Photographische Hochkontrastelemente mit verbesserter Maximaldichte

Title (fr)  
Éléments photographiques à contraste élevé et à densité maximale améliorée

Publication  
**EP 0697619 A2 19960221 (EN)**

Application  
**EP 95202188 A 19950811**

Priority  
US 29211994 A 19940817

Abstract (en)  
A high-contrast room-light-handleable black-and-white silver halide photographic element that is especially adapted for use in the field of graphic arts comprises fine-grain high-chloride silver halide grains doped with a dopant comprised of a transition metal and a nitrosyl or thionitrosyl coordination ligand. The dopant is present in the grains in an amount sufficient to reduce speed and increase contrast and at least 25 percent by weight of the total amount of the dopant within the grains is located within the outermost 90 percent of the total grain volume to reduce the effects of solarization and intermittency and thereby enhance the maximum density of the element.

IPC 1-7  
**G03C 1/08**; **G03C 1/09**; **G03C 1/035**

IPC 8 full level  
**G03C 1/035** (2006.01); **G03C 1/06** (2006.01); **G03C 1/08** (2006.01); **G03C 1/09** (2006.01)

CPC (source: EP)  
**G03C 1/08** (2013.01)

Citation (applicant)

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