

Title (en)  
PHOTOTHERMOGRAPHIC ELEMENT WITH IMPROVED ADHERENCE BETWEEN LAYERS

Title (de)  
PHOTOTHERMOGRAPHISCHES ELEMENT MIT VERBESSERTER HAFTUNG ZWISCHEN DEN SCHICHTEN

Title (fr)  
ELEMENT PHOTOTHERMOGRAPHIQUE A ADHERENCE ENTRE COUCHES AMELIOREE

Publication  
**EP 0792477 A2 19970903 (EN)**

Application  
**EP 95938197 A 19951005**

Priority  
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• US 34062094 A 19941116

Abstract (en)  
[origin: WO9615478A2] A spectrally sensitized photothermographic silver halide element comprising a support layer having on at least one surface thereof a photothermographic composition, said composition comprising a polyvinyl acetal binder, a light insensitive silver source, a reducing agent for silver ion and infrared radiation sensitive silver halide grains, wherein said composition also comprises a polymeric component which is not a polyvinyl acetal, or a metal soap other than a silver soap of an organic acid (especially not the long chain fatty acid normally present in silver halide based photothermographic elements) which is dispersed in said composition in an amount of from 0.3 to 20 % by weight of said polyvinyl acetal, which polymeric component has higher strength of adhesion to polyester film than does the polyvinyl acetal, and said polymeric may exist as a separate phase within said polyvinyl acetal.

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**G03C 1/498**

IPC 8 full level  
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Citation (search report)  
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