

Title (en)  
Photothermographic elements.

Title (de)  
Photothermographische Elemente.

Title (fr)  
Éléments photothermographiques.

Publication  
**EP 0559228 A1 19930908**

Application  
**EP 93103608 A 19930305**

Priority  
US 84691992 A 19920306

Abstract (en)  
Mercapto substituted heteroaromatic compounds have been found to be supersensitizers for infrared sensitized photothermographic imaging elements. These elements comprise a photosensitive silver halide, silver salt oxidizing agent and reducing agent for silver ion in a binder.

IPC 1-7  
**G03C 1/498**

IPC 8 full level  
**G03C 1/498** (2006.01); **G03C 1/28** (2006.01)

CPC (source: EP)  
**G03C 1/49845** (2013.01); **G03C 1/28** (2013.01); **G03C 5/164** (2013.01)

Citation (search report)  
• [Y] EP 0271260 A2 19880615 - MINNESOTA MINING & MFG [US]  
• [YD] US 4910129 A 19900320 - TAKAHASHI YOSHIYA [JP], et al  
• [Y] RESEARCH DISCLOSURE vol. 299, no. 63, March 1989, HAVANT GB pages 208 - 214 P.W.LAUF 'Photothermographic Silver Halide Systems'

Cited by  
US6245499B1; EP0627660A1; EP1422551A1; EP0890875A1; US6153372A; US5876915A; EP0821271A1; US6074814A; EP0949537A3; US6156491A; EP0821272A1; US5541054A; US5939249A; US6060231A; US5922529A; US5851755A; US5958667A; US6120983A; US6319661B1; US6316179B1; WO2017123444A1; US6737227B1; US6214533B1; US6849392B2; US6703191B1; US6436616B1; US6599686B2; EP0821811B2

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