

Title (en)  
SILVER HALIDE PHOTOGRAPHIC MATERIAL

Publication  
**EP 0393711 A3 19920318 (EN)**

Application  
**EP 90107561 A 19900420**

Priority  
JP 10239389 A 19890421

Abstract (en)  
[origin: EP0393711A2] A silver halide photographic material which provides a negative image is disclosed. The photographic material contains a compound represented by formula (I): <CHEM> wherein R represents an aliphatic group, an aromatic group, or a heterocyclic group; and Z represents an atomic group necessary to form a nitrogen-containing heterocyclic aromatic group, and provides a negative image having high contrast, high sensitivity, and satisfactory dot image quality.

IPC 1-7  
**G03C 1/06**

IPC 8 full level  
**G03C 1/06** (2006.01)

CPC (source: EP)  
**G03C 1/061** (2013.01)

Citation (search report)

- [X] US 4816373 A 19890328 - OHASHI MINORU [JP], et al
- [Y] US 4737442 A 19880412 - YAGIHARA MORIO [JP], et al
- [YD] US 4684604 A 19870804 - HARDER JOHN W [US]
- [AP] PATENT ABSTRACTS OF JAPAN vol. 013, no. 291 (P - 893)<3639> 6 July 1989 (1989-07-06)
- [A] RESEARCH DISCLOSURE No. 235, November 1983, Havant, Hampshire, GB; RD 23510 (ANONYMOUS): "Development Nucleation by Hyrazine Derivatives"

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Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 0393711 A2 19901024; EP 0393711 A3 19920318; EP 0393711 B1 19980401**; DE 69032186 D1 19980507; DE 69032186 T2 19981022; JP 2670880 B2 19971029; JP H0339953 A 19910220

DOCDB simple family (application)  
**EP 90107561 A 19900420**; DE 69032186 T 19900420; JP 6233790 A 19900313