

Title (en)

Diazotype heat development recording medium.

Title (de)

Wärmeentwickelbares Diazotypieaufzeichnungsmedium.

Title (fr)

Matériau d'enregistrement diazotype thermodéveloppable.

Publication

EP 0084890 A1 19830803 (EN)

Application

EP 83100723 A 19830126

Priority

- JP 1124382 A 19820127
- JP 8854382 A 19820525
- JP 15571182 A 19820907

Abstract (en)

A diazotype heat development recording medium of the present invention has excellent shelf life and heat sensitivity. The medium comprises a support and a recording layer which is formed on said support and which comprises a diazo compound, a coupler, an acid stabilizer, a thermal developer, and a polymeric binder. The thermal developer is a salt of an organic or inorganic acid having a primary dissociation constant of 2×10^{-1} to 1×10^{-4} and an alkyl-substituted guanidine represented by the general formula: <CHEM> (wherein at least one of R1 and R2 is an alkyl group of C8 to C24, and the other of R1 and R2 is a hydrogen atom or an alkyl group of C1 or more).

IPC 1-7

G03C 1/60; **G03C 1/54**; **G03C 1/58**; **G03C 5/34**

IPC 8 full level

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CPC (source: EP)

G03C 1/61 (2013.01)

Citation (search report)

- US 3769013 A 19731030 - YOKOYAMA T
- DE 1772010 B2 19750828
- DE 1447713 B

Cited by

US4636462A; US4639418A

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