

Title (en)

DIAZOTYPE HEAT DEVELOPMENT RECORDING MEDIUM

Publication

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Application

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- JP 8854382 A 19820525
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Abstract (en)

[origin: EP0084890A1] 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  $2 \times 10^{-1}$  to  $1 \times 10^{-4}$  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).

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