

Title (en)

Improved photosensitive recording material and a method of recording information by exposure of said material to information-wise modulated activating ultra-violet and/or visible light.

Title (de)

Verbessertes lichtempfindliches Aufzeichnungsmaterial und Verfahren zur Aufzeichnung von Informationen durch Belichtung dieses Materials mit aktivierenden ultra-violett und/oder sichtbaren Licht das gemäss diesen Informationen moduliert ist.

Title (fr)

Matériel d'enregistrement photosensible amélioré et procédé d'enregistrement d'informations par exposition dudit matériel à des lumières ultraviolettes et/ou visibles activantes modulées suivant un patron d'informations.

Publication

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Application

EP 78200330 A 19781201

Priority

GB 5327277 A 19771221

Abstract (en)

A photosensitive recording material is described which upon information-wise exposure and heat-development forms a tellurium image. The material contains on a support a recording layer containing in admixture in a binder medium: (1) as imaging substance an organo-tellurium compound containing directly linked to a tellurium atom halogen and at least one organic substituent comprising at least one carbonyl group, (2) a photoreducant, and (3) a hydrogen-donating compound from which hydrogen can be abstracted by the photo-exposed photoreducant. The said material needs less exposure energy by having united with said recording layer directly or through the intermediary of one or more subbing layers, a blocking layer or sheet that counteracts the penetration of vapour or gas into and the escape of vapour or gas from the recording layer during thermal treatment after photo-exposure of the material, the support and/or the blocking layer or sheet being transparent for actinic radiation.

IPC 1-7

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IPC 8 full level

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