

Title (en)
Colour holograms.

Title (de)
Farbhologramme.

Title (fr)
Hologrammes en couleur.

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Application
EP 90312219 A 19901108

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Abstract (en)
There is described holographic material which comprises coated on a photographic supporting base at least one silver halide emulsion which has a mean grain size of less than 0.1 μm and at least one emulsion of which has been optically sensitised with at least one green sensitising dye of the following general formula I : <CHEM> wherein R1 is an optionally substituted alkyl group, R2 is hydrogen or an alkyl group having 1 to 6 carbon atoms and D represents the atoms needed to complete an optionally substituted 5- or 6- membered heterocyclic ring and at least one emulsion of which has been optically sensitised with at least one red sensitising dye of the general formula II :- <CHEM> wherein R1 is an alkyl group having 1 to 4 carbon atoms, R2 and R3 are each hydrogen, alkyl groups having 1 to 4 carbon atoms or aryl, R4 is an optionally substituted alkyl group and Y represents the atoms necessary to complete a benzothiazole or benzoselenazole nucleus, the benzene ring of which is optionally substituted. The silver halide emulsion used in the holographic material of the present invention can be used to produce a record of a holographic exposure which has been made using a laser which emits in the blue, green or red regions of the spectrum. If three exposures are made to the three regions of the visible spectrum a record of all three exposures can be obtained.

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G03C 1/12; **G03C 1/29**; **G03C 5/26**

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G03C 1/035 (2013.01); **G03C 1/22** (2013.01)

Citation (search report)

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