Title (en)

Colour photographic recording material with a DIR coupler.

Title (de)

Farbfotografisches Aufzeichnungsmaterial mit einem DIR-Kuppler.

Title (fr)

Produit photographique pour la reproduction couleur avec un coupleur DIR.

Publication

EP 0401612 B1 19950621 (DE)

Application

EP 90109914 A 19900524

Priority

DE 3918394 A 19890606

Abstract (en)

[origin: EP0401612A2] On colour development, highly effective silver halide development inhibitors are released from DIR couplers of the formula I. If such DIR couplers are used in colour-photographic silver halide materials, high edge effects and high interimage effects are obtained. A-(TIME)n-Z I In the formula I A is the radical of a coupler which, under the conditions of photographic development, couples with the oxidation product of a silver halide developer and at the same time releases the radical of the formula -(TIME)n-Z, TIME is a bridge member which, on reaction of the coupler with the oxidation product of a silver halide developer, is released together with the radical Z (a triazole ring) bound thereto and in turn releases the radical Z with a delay under the development conditions, n is O or 1, Z is a triazole radical of one of the formulae <IMAGE> where R<1> is alkylthio, R<2> is H, alkyl, alkylthio, aryl or a heterocyclic group, at least one of the radicals R<1> and R<2> containing, at a distance of 2 to 4 atoms from the triazole ring, a group -CO-OR<3>, -O-CO-OR<3> or -O-CO-R<3> which can be saponified in aqueous alkali, and R<3> is alkyl, cycloalkyl or aryl.

IPC 1-7

G03C 7/305

IPC 8 full level

G03C 7/305 (2006.01); **G03C 7/32** (2006.01)

CPC (source: EP US)

G03C 7/305 (2013.01 - EP US); Y10S 430/158 (2013.01 - EP US)

Citation (examination)

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Cited by

EP0572894A3; EP0747763A1; US5736307A; EP0572887A1; US5463072A; EP0661591A2; EP0695968A2

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