

Title (en)  
Colour-photographic recording material.

Title (de)  
Farbfotografisches Aufzeichnungsmaterial.

Title (fr)  
Matériau de reproduction photographique couleur.

Publication  
**EP 0329016 B1 19940323 (DE)**

Application  
**EP 89102221 A 19890209**

Priority  
DE 3805173 A 19880219

Abstract (en)  
[origin: EP0329016A2] A colour-photographic recording material consisting of a base and at least one silver halide emulsion layer applied to a base, and associated with at least one colour coupler having a coupling rate constant at pH = 10.2 and 38 DEG C of  $\geq 10^{-4}$  [l/mol x sec] and at least one DIR coupler having a coupling rate constant at pH = 10.2 and 38 DEG C of  $\geq 10^{-4}$  [l/mol x sec], wherein a silver halide emulsion is used which, with the abovementioned colour couplers and DIR couplers, gives at 38 DEG C in a colour developer of the following composition sodium tripolyphosphate 2.0 g sodium sulphite (anhydrous) 2.0 g sodium hydrogen carbonate 8.0 g potassium or sodium hydrogen sulphate 7.0 g potassium bromide 1.8 g potassium or sodium carbonate (anhydrous) 30.0 g hydroxylamine sulphate 3.0 g N<1>-ethyl-N<1>-(2-hydroxyethyl)-3-methyl-1,4-phenylenediammonium sulphate (monohydrate) 2.6 g water to make up to 1000 ml pH = 10.2 a relative maximum colour density = <IMAGE> of at least 50 %, shows a small range of variation with respect to sensitometric data (sensitivity, gradation and fog) in the event of variations of the processing conditions.

IPC 1-7  
**G03C 7/26**; **G03C 7/32**; **G03C 7/30**

IPC 8 full level  
**G03C 7/26** (2006.01); **G03C 7/30** (2006.01); **G03C 7/305** (2006.01); **G03C 7/32** (2006.01); **G03C 7/407** (2006.01)

CPC (source: EP)  
**G03C 7/3003** (2013.01); **G03C 7/3225** (2013.01); **G03C 7/3041** (2013.01); **G03C 7/30541** (2013.01); **G03C 7/32** (2013.01); **G03C 2200/52** (2013.01)

Cited by  
US5399465A; EP0608956A1; EP0751424A3; US5989789A; EP0726493A3; US5882847A

Designated contracting state (EPC)  
BE DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0329016 A2 19890823**; **EP 0329016 A3 19900816**; **EP 0329016 B1 19940323**; DE 3805173 A1 19890831; DE 58907260 D1 19940428; JP H025043 A 19900109

DOCDB simple family (application)  
**EP 89102221 A 19890209**; DE 3805173 A 19880219; DE 58907260 T 19890209; JP 3289989 A 19890214