

Title (en)

Heat-developable light-sensitive material and method of forming color images

Title (de)

Wärmeentwickelbares, lichtempfindliches Material und Verfahren zur Herstellung von Farbbildern

Title (fr)

Matériau sensible à la lumière développable par la chaleur et procédé de formation d'images en couleur

Publication

EP 0846982 A2 19980610 (EN)

Application

EP 97120578 A 19971124

Priority

- JP 32912396 A 19961125
- JP 2716697 A 19970127
- JP 32912496 A 19961125

Abstract (en)

The present invention provides a heat-developable light-sensitive material having a support and a light-sensitive layer provided on the support. The heat-developable light-sensitive material contains dyes which are decolorized through reaction with a decolorizing agent during a development process. The dyes are non-diffusible and at least a part of decolorized dyes resulting from the development process is non-diffusible. Also provided is an image forming method using the heat-developable light-sensitive material. The present method provides images having excellent sharpness within a short period of time.

IPC 1-7

G03C 8/40; **G03C 1/498**

IPC 8 full level

G03C 1/498 (2006.01); **G03C 8/40** (2006.01); **G03C 1/005** (2006.01)

CPC (source: EP)

G03C 1/49854 (2013.01); **G03C 8/4033** (2013.01); **G03C 8/404** (2013.01); **G03C 1/005** (2013.01); **G03C 1/0051** (2013.01); **G03C 1/0053** (2013.01); **G03C 2001/03517** (2013.01); **G03C 2001/03564** (2013.01); **G03C 2200/01** (2013.01); **G03C 2200/03** (2013.01)

C-Set (source: EP)

1. **G03C 1/0053** + **G03C 2200/01** + **G03C 2200/03**
2. **G03C 8/404** + **G03C 2200/01** + **G03C 2200/03** + **G03C 1/0051** + **G03C 2001/03517** + **G03C 2001/03564**

Cited by

US6017684A; EP0845706A3; US6489086B1; WO0196951A1; WO2024204846A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0846982 A2 19980610; **EP 0846982 A3 19990519**; **EP 0846982 B1 20020821**; AT E222655 T1 20020915; DE 69714829 D1 20020926; DE 69714829 T2 20030410

DOCDB simple family (application)

EP 97120578 A 19971124; AT 97120578 T 19971124; DE 69714829 T 19971124