

Title (en)

IMAGING SYSTEM EMPLOYING ENCAPSULATED RADIATION SENSITIVE COMPOSITION

Title (de)

EINGEKAPSELTE STRAHLUNGSEMPFINDLICHE ZUSAMMENSETZUNG BENUTZENDES BILDERZEUGUNGSSYSTEM

Title (fr)

SYSTEME D'IMAGERIE UTILISANT UNE COMPOSITION PHOTOSENSIBLE ENCAPSULEE

Publication

EP 1058864 A1 20001213 (EN)

Application

EP 99908475 A 19990225

Priority

- US 9904131 W 19990225
- US 7589298 P 19980225

Abstract (en)

[origin: WO9944099A1] A photosensitive material comprising a support having a layer of microcapsules on one surface thereof, the microcapsules having an image-forming agent associated therewith and containing an internal phase including a photohardenable composition, the composition comprising a free radical addition polymerizable or crosslinkable compound and complex of an infrared sensitive cationic dye and a boranyl anion being capable of absorbing infrared radiation and producing free radicals which initiate free radical polymerization or crosslinking of the polymerizable or crosslinkable compound.

IPC 1-7

G03F 7/029; **G03F 7/00**

IPC 8 full level

G03F 7/00 (2006.01); **G03F 7/004** (2006.01); **G03F 7/029** (2006.01)

CPC (source: EP KR)

C08F 2/50 (2013.01 - KR); **C08F 22/40** (2013.01 - KR); **C08G 18/792** (2013.01 - KR); **C08J 3/215** (2013.01 - KR); **C09B 69/06** (2013.01 - KR); **G03F 7/002** (2013.01 - EP); **G03F 7/0037** (2013.01 - KR); **G03F 7/029** (2013.01 - EP KR)

Citation (search report)

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

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WO 9944099 A1 19990902; AU 2790299 A 19990915; BR 9907640 A 20001114; CA 2319603 A1 19990902; CN 1289415 A 20010328; EP 1058864 A1 20001213; JP 2002505447 A 20020219; KR 20010041213 A 20010515

DOCDB simple family (application)

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