

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)

See references of WO 9944099A1

Cited by

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