

Title (en)

Latent image receiving sheet and microcapsules for use therein

Title (de)

Latentbildempfangsschicht und Mikrokapseln, die bei dieser Schicht verwendet werden

Title (fr)

Feuille réceptrice d'images latentes et microcapsules pour utilisation dedans

Publication

EP 0587411 B1 19971112 (EN)

Application

EP 93307060 A 19930907

Priority

US 94308992 A 19920910

Abstract (en)

[origin: EP0587411A2] A latent image receiving sheet comprises a substrate bearing microcapsules having walls of a nonmeltable polymer which is a thermosetting aminoplast resin. The walls of the microcapsules have an elongation less than 1%, and the image receiving sheet and microcapsules are resistant to heat. Surprisingly, the latent image receiving sheet capsules nonetheless rupture upon application to the record material of a point source energy input or pulse comprising a DELTA T of at least 115 DEG C per one millisecond. The latent image receiving sheet may be an ink transfer sheet or print plate, a gravure sheet, a cryptic message receiving sheet or an imageable sheet.

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B41M 5/28; G03F 7/00

IPC 8 full level

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