

Title (en)  
Laser ablative imaging method

Title (de)  
Verfahren zur Bilderzeugung durch Laserablation

Title (fr)  
Procédé de formation d'images par ablation à laser

Publication  
**EP 0755802 A1 19970129 (EN)**

Application  
**EP 96420240 A 19960718**

Priority  
• US 145095 P 19950726  
• US 62071596 A 19960321

Abstract (en)  
A process of forming a single color image comprising: a) imagewise exposing, by means of a laser, a dye-ablative recording element comprising a support having thereon, in order, a hydrophilic dye-receiving layer and a hydrophobic dye-barrier layer, at least one of the dye-receiving layer and the dye-barrier layer having an infrared-absorbing material therein or in a layer therebetween to absorb at a given wavelength of the laser used to expose the element, thereby imagewise heating the dye-barrier layer and causing it to ablate; b) removing the ablated dye-barrier layer material; c) contacting the imagewise-exposed element with an aqueous ink solution; and d) drying the element to obtain a single color image in the ablative recording element.

IPC 1-7  
**B41M 5/24**; G03F 1/10

IPC 8 full level  
**B41C 1/10** (2006.01); **B41J 2/32** (2006.01); **B41M 5/24** (2006.01); **B41M 5/26** (2006.01)

CPC (source: EP)  
**B41C 1/1033** (2013.01); **B41M 5/24** (2013.01)

Citation (applicant)  
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