

Title (en)  
PHOTOSENSITIVE MATERIAL

Title (de)  
LICHTEMPFLINDLICHES MATERIAL

Title (fr)  
MATIERE PHOTOSENSIBLE

Publication  
**EP 1803123 A1 20070704 (EN)**

Application  
**EP 05798561 A 20051016**

Priority  
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Abstract (en)  
[origin: WO2006040772A1] Photosensitive material for holographic recording and storage is disclosed. The material comprises a hosting matrix with distributed hosted discrete particles. The particles comprise a core portion and a shell portion surrounding the core portion, wherein the shell portion is capable to undergo a phase transformation from an amorphous or a metastable crystalline state to a stable crystalline state in response to laser beam irradiation. The phase transformation is accompanied by change of refractive index.

IPC 8 full level  
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Citation (search report)  
See references of WO 2006040772A1

Designated contracting state (EPC)  
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