

Title (en)

METHOD FOR FORMING THIN FILM CONDUCTORS ON A SUBSTRATE

Title (de)

VERFAHREN ZUR BILDUNG VON DÜNNFILMLEITERN AUF EINEM SUBSTRAT

Title (fr)

PROCÉDÉ POUR FORMER DES CONDUCTEURS À FILM MINCE SUR UN SUBSTRAT

Publication

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Application

EP 12889427 A 20121203

Priority

US 2012067607 W 20121203

Abstract (en)

[origin: WO2014088546A1] A method for forming thin film conductors is disclosed. A thin film precursor material is initially deposited onto a porous substrate. The thin film precursor material is then irradiated with a light pulse in order to transform the thin film precursor material to a thin film such that the thin film is more electrically conductive than the thin film precursor material. Finally, compressive stress is applied to the thin film and the porous substrate to further increase the thin film's electrical conductivity.

IPC 8 full level

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