

Title (en)

METHOD FOR FORMING THERMOELECTRIC DEVICE FROM PARTICULATE RAW MATERIALS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER THERMOELEKTRISCHEN VOPRRICHTUNG AUS PARTIKELFÖRMIGEM ROHMATERIAL

Title (fr)

PROCÉDÉ DE FORMATION D'UN DISPOSITIF THERMOÉLECTRIQUE À PARTIR DE MATIÈRES PREMIÈRES PARTICULAIRES

Publication

**EP 2145348 A1 20100120 (EN)**

Application

**EP 08747119 A 20080429**

Priority

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- US 91521107 P 20070501

Abstract (en)

[origin: US2008274004A1] This invention relates to the formation manufacturing method for constructing a thermoelectric device, by dispensing a slurry composed of thermoelectric solids in a carrier fluid across a substrate. The process uses a mold to confine the slurry, and heat and pressure to cure the thermoelectric slurry into a solid. The specific method of curing the thermoelectric material is outlined, employing a new method of condensing the particulate solids into dense thermoelectric elements.

IPC 8 full level

**H01L 21/00** (2006.01); **B22F 1/107** (2022.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008137429A1

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DOCDB simple family (publication)

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