

Title (en)

THIN FILM THERMOELECTRIC DEVICES FOR POWER CONVERSION AND COOLING

Title (de)

THERMOELEKTRISCHE DÜNNFILMBAUELEMENTE FÜR DIE STROMWANDLUNG UND KÜHLUNG

Title (fr)

DISPOSITIFS THERMOELECTRIQUES A FILM MINCE DESTINES A LA CONVERSION DE PUISSANCE ET AU REFROIDISSEMENT

Publication

EP 1756881 A2 20070228 (EN)

Application

EP 04821305 A 20041213

Priority

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- US 52847903 P 20031211

Abstract (en)

[origin: WO2005074463A2] A thermoelectric device having at least one thermoelectric unit including at least one thermoelectric pair of n-type and p-type thermoelements, a first header coupled to one side of the thermoelectric pair, and a second header coupled to a second side of the thermoelectric pair. The thermoelectric pair has a thermal conduction channel area smaller than an area of the first header or the second header such that the thermal conduction area is a fraction of the area of the first header or the second header.

IPC 8 full level

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