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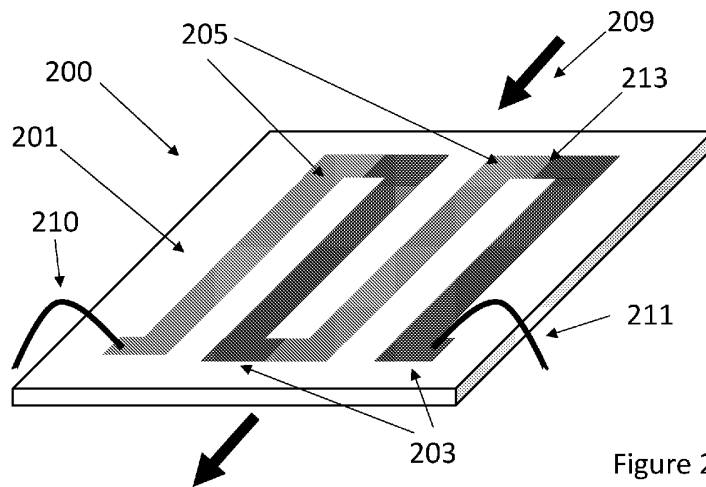


Figure 2

(57) Abstract: Thermoelectric module (200, 300) comprising: a substrate (201); a first material (205) of a first doping type forming a first leg extending on a surface of the substrate (201), the first leg comprising a first end oriented towards a first region of the surface and a second, opposite end oriented towards a second region of the surface; and a second material (203) of a second doping type forming a second leg extending on the surface of the substrate (201), the second leg comprising a first end oriented towards the first region of the surface and a second, opposite end oriented towards the second region of the surface, such that the first and second legs are substantially parallel to each other, wherein the first end of the first leg is in electrical connection with the first end of the second leg, and wherein the first and second doping types have opposite polarity, such that when a heat flux (209) is applied between the first region and the second region of the surface, a potential difference arises between the second end of the first leg and the second end of the second leg, and wherein the substrate (201), the first material (205), and the second material (203) are substantially transparent to visible light.

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