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(54) Title: A UNITARY FILM FOR AN ELECTRODE ASSEMBLY OF A SOLAR CELL

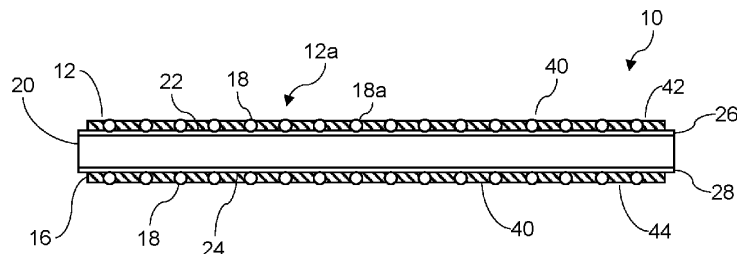


FIG 2B

(57) Abstract: A unitary film for an electrode assembly of a solar cell, wherein the unitary film is arranged, when in use, on a surface of the solar cell and a plurality of electrically conductive elements of the electrode assembly are interposed between the unitary film and the surface of the solar cell; wherein the unitary film is formed of a polymeric material and is characterised by satisfying at least one of a first criterion and a second criterion: the first criterion requires that the polymeric material has at least two endothermic peaks in a temperature range between 40°C and 200°C measured by differential scanning calorimetry using the following method: heating the unitary film, sequentially, in a first thermal cycle and a second thermal cycle according to Standard Test Method ASTM D3418 to produce a first heating trace and a second heating trace, respectively; and identifying and determining a first endothermic peak and a second endothermic peak, in each of the first and second heating traces, in the temperature range between 40°C and 200°C; the second criterion requires that the unitary film has a peel strength of at least 5N per 10mm width of the unitary film, the peel strength determined by 180-degree peel test according to the following method: thermally bonding the unitary film to a surface of a substrate; peeling the unitary film from the surface according to Standard Test Method ASTM D903 to provide a peel-force trace; and determining, from the peel-force trace, that the unitary film has a peel strength of at least 5N per 10mm width of the unitary film.

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