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(71) Applicant *(for all designated States except US)*: **STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND** [NL/NL]; Westerduinweg 3, NL-1755 LE Petten (NL).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MIHAILETCHI, Valentin Dan** [RO/NL]; Noorderspoorsingel 24A, NL-9716 JE Groningen (NL). **KOMATSU, Yuji** [JP/NL]; Jan van Goyenstraat 12, NL-1816 EE Alkmaar (NL).

(74) Agent: **VAN WESTENBRUGGE, Andries**; Nederlandsch Octrooibureau, Postbus 29720, NL-2502 LS Den Haag (NL).

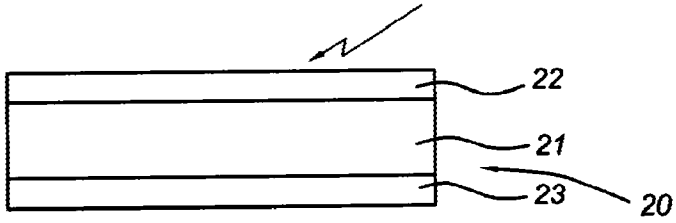
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(54) **Title:** METHOD OF MANUFACTURING CRYSTALLINE SILICON SOLAR CELLS USING CO DIFFUSION OF BORON AND PHOSPHORUS

Fig 2



(57) **Abstract:** The present invention provides a method of manufacturing a crystalline silicon solar cell, subsequently comprising: - providing a crystalline silicon substrate having a first side and a second side opposite the first side; - pre-diffusing Phosphorus into a first side of the substrate to render a Phosphorus diffused layer having an initial depth; - blocking the first side of the substrate; - exposing a second side of the substrate to a Boron diffusion source; - heating the substrate for a certain period of time and to a certain temperature so as to diffuse Boron into the second side of the substrate and to simultaneously diffuse the Phosphorus further into the substrate.

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