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(54) **TEXTURE STRUCTURE OF SOLAR CELL AND PREPARATION METHOD THEREFOR**

(57) The present invention provides a texture structure of a solar cell and a preparation method therefor. The texture structure comprises a texture; a texture surface comprises a contact region and a non-contact region; the contact region is provided with a metal gate line; the specific surface area of the contact region is less than that of the non-contact region. According to the texture structure of a solar cell and the preparation method therefor provided by the present invention, texture structures

having different microscopic morphologies are formed on the texture of a metal gate line coverage region and the texture of a metal gate line non-coverage region, and the specific surface area of the texture structure in the non-coverage region is much greater than that of the texture structure in the coverage region, thereby reducing the contact area between slurry metal and the PN junction on the texture, reducing metal compounding by more than 20%, and improving conversion efficiency.

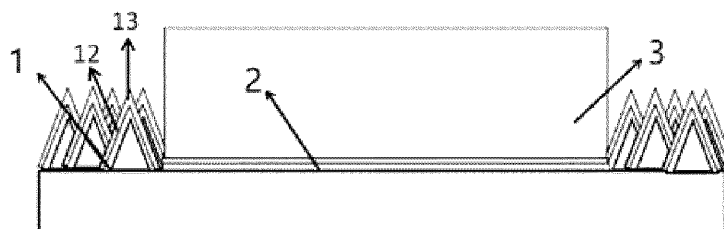


FIG. 1