



(12) **CORRECTED EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(15) Correction information:
Corrected version no 2 (W2 A1)
Corrections, see
Bibliography INID code(s) 7172

(51) International Patent Classification (IPC):
H01L 31/0216 ^(2014.01) **H01L 31/0236** ^(2006.01)
H01L 31/068 ^(2012.01) **H01L 31/18** ^(2006.01)
C30B 29/06 ^(2006.01) **C30B 33/10** ^(2006.01)

(48) Corrigendum issued on:
07.08.2024 Bulletin 2024/32

(52) Cooperative Patent Classification (CPC):
C30B 33/10; C30B 29/06; H01L 31/02363;
H01L 31/02366; H01L 31/068; H01L 31/18;
H01L 31/1804; Y02E 10/547; Y02P 70/50

(43) Date of publication:
07.02.2024 Bulletin 2024/06

(86) International application number:
PCT/CN2022/120880

(21) Application number: **22872114.8**

(87) International publication number:
WO 2023/046070 (30.03.2023 Gazette 2023/13)

(22) Date of filing: **23.09.2022**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME
Designated Validation States:
KH MA MD TN

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(30) Priority: **23.09.2021 CN 202111114953**

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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.

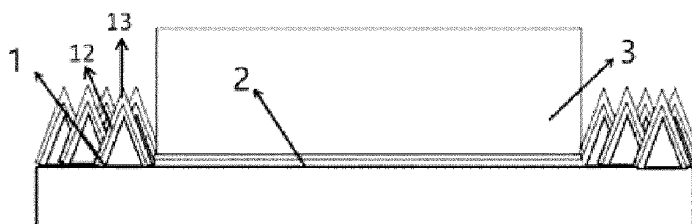


FIG. 1