

Title (en)  
SOLAR CELL MANUFACTURE

Title (de)  
HERSTELLUNG VON SOLARZELLEN

Title (fr)  
FABRICATION DE CELLULES SOLAIRES

Publication  
**EP 4179579 A1 20230517 (FR)**

Application  
**EP 21743469 A 20210712**

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Abstract (en)  
[origin: CA3188777A1] The present disclosure relates to a method for manufacturing a solar cell, the method comprising, in order: forming a tunnel oxide (52) on at least one surface of a semiconductor substrate (50); forming a layer doped with a dopant having a first conductivity type on the tunnel oxide; forming a mask (56) on the doped layer; and doping, in a gas atmosphere (62) containing a dopant having a second conductivity type, at least a first region (66) of the doped layer using a laser.

IPC 8 full level  
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