

Abstract

The present invention relates to a backside emitter solar cell structure having a heterojunction, and to a method and a device for producing the same. According to the invention, a backside intrinsic layer is first formed on the back side of the substrate, then a frontside intrinsic layer and a frontside doping layer are formed on the front side of the substrate and finally a backside doping layer is formed on the back side of the substrate.