

Title (en)

METHOD FOR PRODUCING A STRAINED LAYER ON A SUBSTRATE AND CORRESPONDING LAYER STRUCTURE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VERSPANNTEN SCHICHT AUF EINEM SUBSTRAT UND SCHICHTSTRUKTUR

Title (fr)

PROCEDE POUR PRODUIRE UNE COUCHE CONTRAINTE SUR UN SUBSTRAT ET STRUCTURE EN COUCHES

Publication

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Application

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Abstract (en)

[origin: WO2004095553A2] The invention relates to a method for producing a layer structure comprising a strained layer on a substrate. The inventive method comprises the steps of producing a defect area in a layer adjoining the layer to be strained, and relaxing at least one layer adjoining the layer to be strained. The defect area is especially produced in the substrate. Additional layers can be epitactically grown. Layer structures so produced are especially suitable for producing various types of components.

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