

Title (en)
METHOD FOR DEPOSITING AN EPITAXIAL LAYER ON A FRONT SIDE OF A SEMICONDUCTOR WAFER, AND DEVICE FOR CARRYING OUT THE METHOD

Title (de)
VERFAHREN ZUM ABSCHIEDEN EINER EPITAKTISCHEN SCHICHT AUF EINER VORDERSEITE EINER HALBLEITERSCHEIBE UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ DE SÉPARATION D'UNE COUCHE ÉPITAXIALE SUR UNE FACE AVANT D'UNE TRANCHE DE MATÉRIAU SEMI-CONDUCTEUR ET DISPOSITIF D'EXÉCUTION DU PROCÉDÉ

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Application
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Abstract (en)
[origin: WO2020239347A1] The invention relates to a device for depositing an epitaxial layer on a front side of a semiconductor wafer with an orientation notch, comprising a unit for holding and rotating a susceptor with a susceptor support shaft and susceptor support arms; and a ring, which is held by the susceptor support arms and has inwardly pointing protrusions; and the susceptor, comprising a susceptor ring with a support face for supporting the semiconductor wafer in the edge region of a rear side of the semiconductor wafer and a stepped outer delimitation of the susceptor ring, which delimitation is adjacent to the support face, the support face having an inwardly pointing protrusion.

IPC 8 full level
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