

Title (en)

CVD REACTOR WITH REPLACEABLE PROCESS CHAMBER COVER

Title (de)

CVD-REAKTOR MIT AUSWECHSELBARER PROZESSKAMMERDECKE

Title (fr)

REACTEUR DE DEPOT CHIMIQUE EN PHASE VAPEUR COMPORTANT UN COUVERCLE DE CHAMBRE DE TRAITEMENT INTERCHANGEABLE

Publication

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Application

**EP 06819598 A 20061120**

Priority

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Abstract (en)

[origin: WO2007060143A1] The invention relates to a device for depositing at least one layer on at least one substrate (2), comprising a process chamber arranged inside a reactor housing (1). Said process chamber has a process chamber base formed by a substrate support (4), a process chamber cover (5, 6) opposite the base, and a gas inlet element (7) for allowing a process gas containing layer-producing components to enter. The process chamber cover (5, 6) has a cover plate (6) which is arranged below a cover plate support (5) and which extends substantially across the entire horizontal surface of the substrate support (4). The aim of the invention is to improve operation of the aforementioned device. For this purpose, the gas inlet element (7) located in the lateral center of the process chamber (3) is fed through an opening of the substrate support (4) and the cover plate (6) which is detachably associated with the cover support (5) can be replaced through a lateral opening (9) of the reactor housing (1).

IPC 8 full level

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