

Title (en)  
CLOSURE ELEMENT FOR CLOSING A LOADING OPENING OF AN INNER HOUSING OF A CVD REACTOR

Title (de)  
VERSCHLUSSELEMENT ZUM VERSCHLIEßEN EINER BELADEÖFFNUNG EINES INNENGEHÄUSES EINES CVD-REAKTORS

Title (fr)  
ÉLÉMENT DE FERMETURE SERVANT À FERMER UNE OUVERTURE DE CHARGEMENT D'UN CARTER INTÉRIEUR D'UN RÉACTEUR CVD

Publication  
**EP 3691778 A1 20200812 (DE)**

Application  
**EP 18782949 A 20181002**

Priority

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- EP 2018076792 W 20181002

Abstract (en)  
[origin: WO2019068709A1] The invention relates to a CVD reactor having a gas-tight and evacuable reactor housing (1) and an inner housing (2) arranged therein, which inner housing has means (3, 4) for the infeed of a process gas and means (5) for holding a substrate (6) for treatment in the inner housing by means of the process gases, wherein the inner housing (2) has a loading opening (7) which can be closed off by a sealing element (11) of the closure element (10), and the sealing element (10), in its closure position, bears with an encircling sealing zone (10') against a counterpart sealing zone (7) which encircles the loading opening (7) on the outer side of the inner housing (2), wherein the sealing element (11) is fastened to a carrier (12) as to be adjustable in terms of inclination and/or pivotally movable about at least one spatial axis (X, Y, Z) and/or so as to be elastically deflectable in the direction of one of the spatial axes (X, Y, Z).

IPC 8 full level  
**B01J 3/03** (2006.01); **C23C 16/44** (2006.01); **F16K 51/02** (2006.01); **H01L 21/67** (2006.01)

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