

Title (en)

DEVICE AND METHOD FOR FIXING AND PROTECTING SEMICONDUCTOR WAFERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HALTERUNG UND ZUM SCHUTZ VON HALBLEITER-WAFERN

Title (fr)

DISPOSITIF ET PROCEDE POUR FIXER ET PROTEGER DES TRANCHES DE SEMI-CONDUCTEUR

Publication

EP 0904598 A1 19990331 (DE)

Application

EP 98909293 A 19980128

Priority

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Abstract (en)

[origin: WO9833205A1] The invention relates to a device for fixing and protecting objects, consisting of a base, walls defining an outer area and an inner area mounted on said base, at least one inlet leading to the outer area, at least one inlet leading to the inner area, and means 844) to produce an overpressure in the outer area (via the inlet) in relation to ambient pressure. The inventive device enables fixing, even in the case of low ambient pressure (< 30 torr) when fixing involving the so-called "Bernoulli effect" is no longer possible. Fixing is specifically provided by the invention so that contact with the reverse side of a silicon disc is no longer required during a vacuum process.

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