

Title (en)

METHOD FOR JOINING A SILICON PLATE TO ANOTHER PLATE

Title (de)

VERFAHREN ZUR VERBINDUNG EINER SILIZIUMPLATTE MIT EINER WEITEREN PLATTE

Title (fr)

PROCEDE DESTINE A RELIER UNE PLAQUE DE SILICIUM A UNE AUTRE PLAQUE

Publication

**EP 1436830 A1 20040714 (DE)**

Application

**EP 02769904 A 20020905**

Priority

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- DE 10149140 A 20011005

Abstract (en)

[origin: WO03032377A1] Disclosed is a method for joining a silicon plate (1) to another plate (2), wherein the laser beam is directed through the silicon plate (1) to the other plate (2). The wavelength of the laser beam is selected in such a way that only a negligibly small amount of energy is absorbed in the silicon plate (1). The energy of the laser beam is used to melt a highly absorbent material which subsequently produces a connection between the silicon plate (1) and the other plate (2).

IPC 1-7

**H01L 21/20**; **H01L 21/60**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 03032377A1

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