

Title (en)

MULTIPLE ZONE STRUCTURE CAPABLE OF LIGHT RADIATION ANNEALING AND METHOD USING SAID STRUCTURE

Title (de)

MEHRZONENSTRUKTUR MIT DER FÄHIGKEIT ZUR LICHTSTRAHLUNGS-AUSHEIZUNG UND VERFAHREN ZUR VERWENDUNG DER STRUKTUR

Title (fr)

STRUCTURE MULTI-ZONES APTE A SUBIR UN RECUIT PAR IRRADIATION LUMINEUSE ET PROCEDE DE MISE EN OEUVRE DE LADITE STRUCTURE

Publication

EP 1665351 A2 20060607 (FR)

Application

EP 04816130 A 20040914

Priority

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- FR 0350562 A 20030917

Abstract (en)

[origin: FR2859820A1] The procedure for modifying a characteristic, e.g. optical, dielectric, magnetic, thermal, crystalline or other, in a first zone (4) of a first material consists of directing a luminous radiation towards a second zone (2) in a second material and allowing the diffusion of thermal energy from the second zone to the first to modify the first by a thermal effect. The luminous radiation is produced by a laser beam (10), and the first material has a constant raised dielectric level, while the second is of a metal such as platinum. The two zones may be in contact or not, or may be two adjacent zones of a solid material.

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H01L 21/268

IPC 8 full level

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