

Title (en)

USE OF LIGHT EMITTING CHEMICAL REACTIONS FOR CONTROL OF SEMICONDUCTOR PRODUCTION PROCESSES

Title (de)

VERWENDUNG LICHEMITTIERENDER CHEMISCHER REAKTIONEN ZUR STEUERUNG VON HALBLEITERHERSTELLUNGSPROZESSEN

Title (fr)

UTILISATION DE REACTIONS CHIMIQUES EMETTRICES DE LUMIERE POUR CONTROLER LES PROCEDES DE PRODUCTION DE SEMI-CONDUCTEURS

Publication

EP 1485937 A2 20041215 (EN)

Application

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Abstract (en)

[origin: WO03079411A2] A low-pressure processing vessel (3) used for the production of semiconductors is provided with a light-sensitive detector (1) at a distance from the reaction site, for example in the exhaust line (2). The detector (1) is used to detect light emitted by an intermediate which relaxes or recombines with the emission of light at a characteristic wavelength, the intermediate having a long lifetime such that the detector (1) can be positioned in a relatively remote location.

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IPC 8 full level

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CPC (source: EP KR US)

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