

Title (en)

ENDPOINT DETECTION TECHNIQUE USING SIGNAL SLOPE DETERMINATIONS.

Title (de)

TECHNIK ZUR BESTIMMUNG DES ENDPUNKTES DURCH BESTIMMUNG DER NEIGUNG DES SIGNALS.

Title (fr)

TECHNIQUE DE DETECTION DE FIN DE TRAITEMENT UTILISANT LES DETERMINATIONS DE LA PENTE DU SIGNAL.

Publication

EP 0645008 A1 19950329 (EN)

Application

EP 93914123 A 19930524

Priority

- US 9304936 W 19930524
- US 89613792 A 19920609

Abstract (en)

[origin: WO9325893A1] A predetermined stage of a changing condition is detected by monitoring a change in a signal relating to the changing condition. For example, the existence of a breakthrough that results from photoresist development, material etching, and the like, is detected by optically monitoring a semiconductor wafer, printed circuit board, and the like, that is being processed. An optimum end of the processing can then be determined in response to a breakthrough being detected, either for the purpose of monitoring the process or in order to automatically terminate the processing at that determined time. As part of the processing that determines the existence of a breakthrough, the optical signal is digitized and individual slope values calculated from groups of consecutive digital signal values.

IPC 1-7

G01N 21/88

IPC 8 full level

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CPC (source: EP KR)

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