

Title (en)

MONITORING SUBSTRATE PROCESSING USING REFLECTED RADIATION

Title (de)

KONTROLLE DER SUBSTRATBEARBEITUNG MITTELS REFLEKTIERTER STRAHLUNG

Title (fr)

SURVEILLANCE DU TRAITEMENT DE SUBSTRATS PAR LE RAYONNEMENT REFLECHI

Publication

**EP 1352415 A2 20031015 (EN)**

Application

**EP 01988945 A 20011023**

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- US 80308001 A 20010308

Abstract (en)

[origin: WO0235586A2] A substrate processing apparatus has a chamber capable of processing a substrate, a radiation source to provide a radiation, a radiation polarizer adapted to polarize the radiation to one or more polarization angles that are selected in relation to an orientation of a feature being processed on the substrate, a radiation detector to detect radiation reflected from the substrate during processing and generate a signal, and a controller to process the signal.

IPC 1-7

**H01L 21/00**

IPC 8 full level

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CPC (source: EP US)

**G01N 21/21** (2013.01 - EP US); **G01N 21/9501** (2013.01 - EP); **G01N 21/956** (2013.01 - EP); **H01J 37/32935** (2013.01 - EP); **H01L 21/31116** (2013.01 - EP); **H01L 21/02126** (2013.01 - EP)

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See references of WO 0235586A2

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DOCDB simple family (publication)

**WO 0235586 A2 20020502**; **WO 0235586 A3 20030807**; CN 100459027 C 20090204; CN 1636261 A 20050706; EP 1352415 A2 20031015; JP 2004518272 A 20040617; JP 2007294987 A 20071108; JP 2007329485 A 20071220; JP 4098621 B2 20080611; JP 4841507 B2 20111221; TW 510008 B 20021111

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