

Title (en)

WHOLE-SUBSTRATE SPECTRAL IMAGING SYSTEM FOR CMP

Title (de)

GANZSUBSTRATSPEKTRALABBILDUNGSSYSTEM FÜR CMP

Title (fr)

SYSTEME D'IMAGERIE SPECTRALE DE SUBSTRAT ENTIER POUR PLANARISATION CHIMICO-MECANIQUE (CMP)

Publication

EP 1622743 A2 20060208 (EN)

Application

EP 04758852 A 20040401

Priority

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- US 45987603 P 20030401
- US 46944903 P 20030505

Abstract (en)

[origin: WO2004090502A2] Systems of and methods for capturing a plurality of one-dimensional images representative of substantially all of the surface of a substrate within a single revolution of a rotating platen holding a polishing pad in operative contact with the surface of the substrate during chemical-mechanical planarization. A two-dimensional image comprising frame data, which may comprise a spectral image, is derived from the plurality of one-dimensional images. The frame data provides information useful for subsequent chemical-mechanical processing of the substrate.

IPC 1-7

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IPC 8 full level

B24B 37/013 (2012.01); **B24B 49/12** (2006.01)

CPC (source: EP US)

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