

Title (en)
SEMICONDUCTOR PROCESSING SILICA SOOT ABRASIVE SLURRY METHOD FOR INTEGRATED CIRCUIT MICROELECTRONICS

Title (de)
SCHLEIFMITTEL AUF BASIS VON SILIKA FÜR DIE BEARBEITUNG VON HALBLEITERSCHEIBEN

Title (fr)
MICRO-ELECTRONIQUE A CIRCUIT INTEGRES : TECHNIQUE DE TRAITEMENT DE SEMI-CONDUCTEURS AU MOYEN D'UNE SUSPENSION ABRASIVE A BASE DE SUIE DE SILICE

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Application
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Abstract (en)
[origin: WO0139260A1] The invention utilizes colloidal silica soot (62) in a semiconductor process for chemical-mechanical planarizing a semiconductor integrated circuit workpiece (24) with a slurry (60). The particulate abrasive agent colloidal solid sphere fused silica soot (62) provides a beneficial CMP slurry/process for semiconductor device manufacturing compared to standard semiconductor CMP slurries with conventional colloidal sol-gel or fumed silica.

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H01L 21/302; **H01L 21/461**

IPC 8 full level
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