ACTIVATED POLISHING COMPOSITIONS

Abstract of the Disclosure

Disclosed is a process for preparing activated compositions and the compositions derived therefrom which are suitable for polishing surfaces, particularly integrated circuits, wherein a base abrasive is activated by addition of a second cation whose oxide exhibits a higher polishing rate than the base abrasive alone. The activation is effected by chemical adsorption of the activating cation onto the base abrasive during cyclic impact in an aqueous medium whose pH is at a level which is favorable for adsorption of the activating cation onto the base abrasive surface.

(no suitable figure)

REPLACEMENT SHEET
14 DEC 1996