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(54) Title: CERIUM OXIDE PARTICLES, MAKING PROCESS THEREOF AND USE THEREOF IN CHEMICAL MECHANICAL
POLISHING

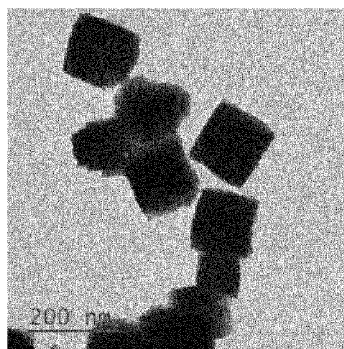


FIGURE 1

$$RI = \frac{TEM \text{ size}}{SSA \text{ size}} \quad (I)$$

(57) Abstract: The invention relates to cerium oxide particles having a roughness index (RI) of at least 5, to a making process thereof and to the use thereof in chemical mechanical polishing applications.

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