

ABSTRACT

METHOD FOR SEPARATING POLISHING MATERIAL AND REGENERATED POLISHING MATERIAL

The present invention addresses the problem of providing: a method for separating a polishing material, which is capable of separating and recovering cerium oxide from a used polishing material that is mainly composed of cerium oxide by excellently efficient and economical processes; and a regenerated polishing material which can be obtained by the separation method. A method for separating a polishing material of the present invention separates a cerium oxide polishing material from a slurry of a used polishing material that contains cerium oxide. This method for separating a polishing material is characterized in that a divalent alkaline earth metal salt is added into the slurry of the used polishing material, while controlling the temperature of the slurry within the range of 10-70 DEG C, thereby causing the polishing material to aggregate under such conditions that the mother liquor has a pH of less than 10.0 as the pH is converted to one at 25 DEG C so that the polishing material is separated from the mother liquor.

Fig. 1