

Title (en)

COMPOSITIONS BASED ON YTTRIUM, CERIUM AND AN ORGANIC COMPOUND, AND STOP-OFF USE THEREOF

Title (de)

ZUSAMMENSETZUNGEN AUF DER BASIS VON YTTRIUM, CER UND EINER ORGANISCHEN VERBINDUNG SOWIE DEREN VERWENDUNG

Title (fr)

COMPOSITIONS A BASE D'YTTRIUM, DE CÉRIUM ET DE COMPOSÉ ORGANIQUE, AINSI QUE LEUR UTILISATION ANTI-DIFFUSION

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Abstract (en)

[origin: WO2020089207A1] The present invention relates to a composition based on yttrium oxide, a cerium-based compound and an organic compound and the use thereof in the field of welding as a stop-off product. The composition comprises, in an aqueous medium: # particles of yttrium oxide; # particles of a cerium-based compound: - which is cerium oxide; or - which is prepared by the method consisting in subjecting a colloidal dispersion D, which is obtained by neutralizing an aqueous solution of cerium nitrate with a basic aqueous solution, to heating; # an organic compound chosen from the group formed by polyvinylpyrrolidone, polyvinyl alcohol, carboxymethyl cellulose and hydroxyethyl cellulose.

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