

Title (en)

Method of preparing zirconia film.

Title (de)

Verfahren zur Herstellung einer Zirkoniumoxidschicht.

Title (fr)

Procédé de préparation d'un film d'oxyde de zirconium.

Publication

**EP 0348288 A1 19891227 (EN)**

Application

**EP 89401714 A 19890616**

Priority

JP 15387588 A 19880622

Abstract (en)

A zirconia film is prepared by coating a substrate with a zirconium acetylacetonate suspension formed into a sol obtained by carrying out hydrolysis of zirconium acetylacetonate by adding water in an amount of from 10 to 12 mols per mol of zirconium acetylacetonate in an organic solvent solution comprising zirconium acetylacetonate, or an organic solvent solution comprising zirconium acetylacetonate and a different type of acetylacetonate metallic complex added, followed by heating at a temperature not lower than 200 DEG C.

IPC 1-7

**C23C 18/12**

IPC 8 full level

**C01G 25/02** (2006.01); **C04B 41/87** (2006.01); **C23C 18/12** (2006.01)

CPC (source: EP)

**C23C 18/1216** (2013.01); **C23C 18/1254** (2013.01)

Citation (search report)

- [A] EP 0125507 A2 19841121 - KANEGAFUCHI CHEMICAL IND [JP]
- [A] US 4129434 A 19781212 - PLUMAT EMILE, et al

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