

Title (en)

A coating fluid for forming an oxide coating.

Title (de)

Beschichtungsflüssigkeit zur Herstellung einer Oxidschicht.

Title (fr)

Fluide de revêtement pour la formation d'une couche d'oxyde.

Publication

EP 0327311 B1 19940914 (EN)

Application

EP 89300927 A 19890131

Priority

JP 2237088 A 19880202

Abstract (en)

[origin: EP0327311A2] A coating fluid for forming an oxide coating, having a good thermal stability and superior coating-forming properties is provided, which fluid comprises a reaction product obtained by subjecting (A) an alkoxysilane or aryloxysilane expressed by the formula $R_mSi(OR)_4-m$ wherein R is 1-4C alkyl or aryl and m is 0 to 2 and (B) a metal alkoxide or aryloxide compound expressed by the formula $M(OR')_n$ wherein M is Mg, B, P, Zr, Y, Ti or Ba, R' is 1-4C alkyl or aryl and n is a valence of the metal atom to hydrolysis and condensation using a catalyst in the presence of a solvent.

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IPC 8 full level

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Cited by

CN103282801A; EP0580944A1; BE1008162A5; GB2496708A; EP1284307A1; EP3095895A1; EP0768352A4; US6000339A; CN1069675C; CN108807427A; US8962091B2; US10544329B2; US9133718B2; WO2006017450A1; WO2012094450A1; WO2006065819A3; US7445953B2; US11876137B2; US7901739B2; US8623461B2; WO9845502A1

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