

Title (en)

CERMET POWDER, PROTECTIVE FILM-COATED MEMBER AND METHOD FOR PRODUCING SAME

Title (de)

CERMETPULVER, SCHUTZFILM-BESCHICHTETES ELEMENT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

POUDRE DE CERMET, ÉLÉMENT REVÊTU D'UN FILM PROTECTEUR ET SON PROCÉDÉ DE PRODUCTION

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3418421A1] Disclosed is a cermet powder that enables preparation of a cermet coating having both high wear resistance and high corrosion resistance against a strong acid having a pH of less than 1. The disclosed cermet powder contains tungsten carbide particles in an amount of 40 mass% or more; molybdenum carbide particles in an amount of 10 mass% to 40 mass%; and Ni or a Ni alloy as a matrix metal, wherein the cermet powder further contains chromium, either as a carbide or a metal or alloy element contained in the matrix metal, in an amount of 8 mass% or more.

IPC 8 full level

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