

Title (en)

COATED CUTTING INSERT FOR MACHINING OF ALUMINIUM BASED ALLOYS

Title (de)

BESCHICHTETER SCHNEIDEEINSATZ ZUR BEARBEITUNG VON LEGIERUNGEN AUF ALUMINIUMBASIS

Title (fr)

INSERT DE COUPE REVÊTU POUR USINER DES ALLIAGES À BASE D'ALUMINIUM

Publication

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Application

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Abstract (en)

[origin: WO2009058082A1] The present invention relates to a cutting tool insert, particularly useful for machining of aluminium alloys, comprising a cemented carbide substrate and a coating. The cemented carbide has a composition of 4-14 wt% Co, up to 5 wt% of the elements Ti, Ta, and/or Nb and/or Cr or other element from groups IVb, Vb or VIb and rest WC. The coating is composed of one or more layers of refractory compounds of which at least one layer comprise ZrN.

IPC 8 full level

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