

Title (en)

A LOW FRICTION COATING FOR A CUTTING TOOL

Title (de)

REIBUNGSARME BESCHICHTUNG FÜR EIN SCHNEIDWERKZEUG

Title (fr)

REJETEMENT A FAIBLE FROTTEMENT POUR OUTIL DE COUPE

Publication

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Application

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Abstract (en)

[origin: WO9955930A1] The present invention relates to a composition for use as a coating on a cutting tool, which composition comprises: (i) a first material selected from TiNx, TiA1Nx, TiA1YCrNx and CrNx; and (ii) a second material selected from MoSz and WSz, wherein x is from 0.5 to 1.5, z is from 0.8 to 2.2 and the atomic ratio (y) of Mo or W to Ti or Cr is from 0.1 to 0.8.

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