

Title (en)
CUTTING TOOL

Title (de)
SCHNEIDWERKZEUG

Title (fr)
OUTIL DE COUPE

Publication
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Application
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Abstract (en)
The invention relates to a cutting tool comprising a cutting element; wherein the cutting element is made of a composite material comprising diamond entities embedded in a cemented carbide matrix where the diamond entities are homogeneously distributed throughout the cemented carbide matrix and wherein the composite material comprises 5 - 65 volume % diamond entities and wherein at least 20% of the diamond entities contains pores and/or cracks that are filled with constituent(s) of the cemented carbide matrix. The cutting tool shows improved properties such as toughness and hardness. The invention also relates to a method of making such a composite.

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Citation (applicant)
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