

Title (en)  
TOOTH FOR ATTACHING TO AN EXCAVATOR BUCKET

Title (de)  
ZAHN ZUM ANBRINGEN AN EINE BAGGERSCHAUFEL

Title (fr)  
DENT À MONTER SUR UN GODET D'EXCAVATEUR

Publication  
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Application  
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Abstract (en)  
[origin: WO2020144040A1] The invention relates to a tooth (20) for attaching to an excavator bucket (12) of an excavator wheel bucket, wherein the tooth (20) is partly made of a metal matrix composite material, and the metal matrix composite material has an insert (44) which is cast into a metal matrix material (42) and which is made of a hard material. The invention also relates to a method for producing a tooth (20) for attaching to a excavator bucket (12) of an excavator wheel bucket, having the steps of: - positioning an insert (44) made of a hard material or tungsten, chrome, niobium and/or vanadium, boron, titanium, silicon, and/or tantalum, and the reaction partners thereof such as carbon and/or nitrogen for example in a casting mold for casting the tooth (20) and - casting the tooth (20) from a metal matrix material (42) such that the insert (44) is at least partly surrounded by the metal matrix material (42) of the tooth (20).

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