

Title (en)

MANUFACTURE OF LOW COST BITS BY INFILTRATION OF METAL POWDERS

Title (de)

HERSTELLUNG VON KOSTENGÜNSTIGEN BOHRMEISSELN DURCH INFILTRATION VON METALLPULVERN

Title (fr)

FABRICATION DE TRÉPANS À FAIBLE COÛT PAR INFILTRATION DE POUDRES MÉTALLIQUES

Publication

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Application

EP 15155368 A 20150217

Priority

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Abstract (en)

An apparatus and method for manufacturing a downhole tool. The cemented matrix material is formed from a metal powder, a shoulder powder, and a binder material, wherein the metal powder and/or the shoulder powder includes at least one of stainless steel powder, nickel powder, cobalt powder, iron powder, or powders of other suitable metals or alloys, or a combination of such mentioned powders.

IPC 8 full level

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