

Title (en)
Installation and method for producing a metallic coating on a borehole wall

Title (de)
Anlage und Verfahren zur metallischen Beschichtung einer Bohrungswand

Title (fr)
Installation et procédé de revêtement métallique d'une paroi d'alésage

Publication
EP 2933352 B1 20181121 (DE)

Application
EP 14165172 A 20140417

Priority
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Abstract (en)
[origin: WO2015158458A1] The invention relates to a system and a method for the metal coating of a bore wall of a bore in a workpiece, in particular a running surface of a cylinder bore in a motor block. A coating lance is inserted into a bore to be coated, a metal plasma jet being produced by the coating lance, and the metal coating is applied onto the bore wall while the coating lance is rotated. The coating lance is moved into multiple bores of the workpiece while the workpiece is stationary using a portal device with at least two movement axes, and the bore walls of the multiple bores are provided with the metal coating by means of the coating lance.

IPC 8 full level
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Citation (examination)
WO 2013006529 A1 20130110 - COMAU INC [US], et al

Cited by
EP3896190A1; WO2021209190A1

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