

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

Title (de)
Anlage und Verfahren zur metallischen Beschichtung eines Werkstücks

Title (fr)
Installation et procédé de revêtement métallique d'une pièce usinée

Publication
EP 3048182 B1 20181121 (DE)

Application
EP 15155740 A 20150219

Priority
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Abstract (en)
[origin: WO2016116365A1] The invention relates to an installation and a method for the metallic coating of a workpiece having a bore, in particular a running surface of a cylinder bore in an engine block, comprising at least one rotatable coating lance, by which a metal plasma jet can be generated for coating a bore wall. According to the invention, a circulating conveyor having at least two workpiece receptacles is provided, which can be displaced in a circulating manner by the circulating conveyor along a horizontal movement path. The workpiece is received in a defined position in the circulating workpiece receptacle and clamped.

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Citation (opposition)
Opponent : Gebr. Heller Maschinenfabrik GmbH
• EP 1350862 A1 20031008 - SULZER METCO AG [CH]
• EP 2455510 A2 20120523 - MARTINREA HONSEL GERMANY GMBH [DE]
• DE 19744157 A1 19990408 - HELLER GEB GMBH MASCHF [DE]
Opponent : Heller Masch
• DE 19744157 A1 19990408 - HELLER GEB GMBH MASCHF [DE]
• EP 1350862 A1 20031008 - SULZER METCO AG [CH]
• EP 2455510 A2 20120523 - MARTINREA HONSEL GERMANY GMBH [DE]

Cited by
CN110433983A; CN111097638A; CN112808490A

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