

Title (en)
METHOD OF COATING ALLOY WHEELS USING INTER-COAT PLASMA

Title (de)
VERFAHREN ZUR BESCHICHTUNG VON LEGIERUNGSRÄDERN MIT ZWISCHENSCHICHTPLASMA

Title (fr)
PROCÉDÉ DE REVÊTEMENT DE ROUES EN ALLIAGE À L'AIDE D'UN PLASMA INTER-COUCHES

Publication
EP 3914398 A1 20211201 (EN)

Application
EP 19725456 A 20190503

Priority
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Abstract (en)
[origin: WO2020153980A1] A plasma nozzle is provided for projecting a plasma jet toward a surface of the object. A first plasma jet is projected toward the surface of the object raising an energy level of the surface of the object above ground state. A second plasma jet is projected toward the surface of the object disposed at a raised energy level with said second plasma jet infused with a conversion compound coating the surface of the object with the plasma conversion compound. An energy level of the plasma conversion compound disposed upon the surface of the object is lowered toward ground state causing the plasma conversion compound cure. A third plasma jet is projected toward the surface of the object raising the energy level of the surface above ground energy state. A first polymeric coating is applied over the conversion compound on the surface of the object at a raised energy level.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2020153980A1

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