

Title (en)

METHOD FOR COATING A TURBOMACHINE PART

Title (de)

VERFAHREN ZUM BESCHICHTEN EINES TURBOMASCHINENTEILS

Title (fr)

PROCÉDÉ DE REVÊTEMENT D'UNE PIÈCE DE TURBOMACHINE

Publication

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Application

**EP 20754794 A 20200730**

Priority

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Abstract (en)

[origin: WO2021028628A1] The invention relates to a method for coating a turbomachine part (1), comprising the deposition of a paint by electrophoresis on the turbomachine part, the voltage between the part and a counter-electrode (20) being controlled during the deposition by imposing a succession of pulsed voltage cycles.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- HEATHER MCCRABB ET AL: "Pulse Electric Fields for EPD of Thermal Barrier Coatings", KEY ENGINEERING MATERIALS, vol. 507, 1 March 2012 (2012-03-01), pages 21 - 25, XP055678286, DOI: 10.4028/www.scientific.net/KEM.507.21
- KELL ET AL: "Electrophoretic deposition of thermal barrier coatings by the faradayic process", MATERIALS SCIENCE & TECHNOLOGY 2008 CONFERENCE AND EXHIBITION, MS&T'08 : OCTOBER 5 - 9, 2008; VOL. 4, MATERIALS SCIENCE & TECHNOLOGY, US, vol. 4, 1 January 2008 (2008-01-01), pages 2197 - 2203, XP009519483, ISBN: 978-1-60560-621-7, DOI: 10.1002/9780470456224.CH18

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