

Title (en)

METHOD OF COATING A COMPONENT

Title (de)

VERFAHREN ZUM BESCHICHTEN EINES BAUTEILS

Title (fr)

PROCÉDÉ DESTINÉ AU REVÊTEMENT D'UN COMPOSANT

Publication

**EP 2743375 B1 20230705 (DE)**

Application

**EP 12008271 A 20121211**

Priority

EP 12008271 A 20121211

Abstract (en)

[origin: EP2743375A1] The method comprises pretreating a carbon fiber-reinforced plastic component with gaseous sulfur trioxide for 10 seconds to 10 minutes, chemically depositing a metal layer as a seed in a bath, rinsing the component with water, and sand-blasting the component before the steps of pretreatment and treatment with nitric acid. The carbon fibers are embedded in a thermosetting material. The deposition step includes seeding a component in the bath metal layer. The seeding step includes treating the component with ionogenic palladium solution, and electrically energizing the bath.

IPC 8 full level

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CPC (source: EP)

**C23C 18/1653** (2013.01); **C23C 18/1851** (2013.01); **C23C 18/1855** (2013.01); **C23C 18/1893** (2013.01); **C23C 18/2006** (2013.01); **C23C 18/2013** (2013.01); **C23C 18/2086** (2013.01); **C23C 18/22** (2013.01); **C23C 18/24** (2013.01); **C23C 18/30** (2013.01); **C23C 18/32** (2013.01)

Citation (examination)

- US 2009317609 A1 20091224 - SIMMONS MARTIN [GB], et al
- EP 0643248 A1 19950315 - PETOCA LTD [JP]
- US 2007190310 A1 20070816 - YUSA ATSUSHI [JP], et al
- JP S63121669 A 19880525 - TOSHIBA CORP
- JP S6077977 A 19850502 - MITSUBISHI RAYON CO

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