

Title (en)

METHOD FOR DEPOSITING A COATING ON A WIRE IN A MICROWAVE FIELD

Title (de)

VERFAHREN ZUR ABSCHIEDUNG EINER BESCHICHTUNG AUF EINEM DRAHT IN EINEM MIKROWELLENFELD

Title (fr)

PROCEDE DE DEPOT D'UN REVETEMENT SUR UN FIL SOUS CHAMP MICRO-ONDES

Publication

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Application

EP 21759114 A 20210811

Priority

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Abstract (en)

[origin: WO2022038324A1] The invention relates to a method for treating a carbon or ceramic wire (150) comprising at least forming a coating on the wire in a reaction zone (115) of a reactor (220) by heating a segment (156) of the wire in the presence of a gas phase in a microwave field, characterised in that the gas phase comprises a mixture of a diluent gas (200a; 200b) and a coating precursor in the vapour state, and in that the gas phase is formed at least by introducing the diluent gas into the reactor and mixing the introduced diluent gas with the coating precursor (140) in the reactor before the reaction zone.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2022038324A1

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