

Title (en)

METHOD FOR COATING AN OPTICAL DATA CARRIER AND CORRESPONDING COATED OPTICAL DATA CARRIER

Title (de)

VERFAHREN ZUM BESCHICHTEN EINES OPTISCHEN DATENTRÄGERS SOWIE EIN BESCHICHTETER OPTISCHER DATENTRÄGER

Title (fr)

PROCEDE POUR REVETIR UN SUPPORT DE DONNEES OPTIQUE, ET SUPPORT DE DONNEES OPTIQUE REVETU

Publication

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Application

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Abstract (en)

[origin: WO2005078715A2] The invention relates to a method for coating an optical data carrier which comprises at least one substrate layer and at least one reflection layer. According to the inventive method, a plasma jet is produced from a working gas using atmospheric plasma discharge. A precursor material is supplied to the working gas or to the plasma jet and is reacted in the plasma jet. The reaction product produced from the precursor material is deposited on the at least one substrate layer as an additional layer. Said additional layer can be used as a protective layer or as a barrier layer. The additional layer can also be used as a reflection layer in the set-up of the optical data carrier. The invention also relates to an optical data carrier having an additional layer that is produced by atmospheric plasma coating.

IPC 8 full level

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Citation (search report)

See references of WO 2005078715A2

Citation (examination)

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