Accepted Manuscript

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PII: S0257-8972(16)30921-5

DOI: doi:10.1016/j.surfcoat.2016.08.096

Reference: SCT 21596

To appear in: Surface & Coatings Technology

Received date: 26 April 2016 Revised date: 5 August 2016 Accepted date: 10 August 2016



Please cite this article as: G. Capote, M.A. Ramírez, P.C.S. da Silva, D.C. Lugo, V.J. Trava-Airoldi, Improvement of the properties and the adherence of DLC coatings deposited using a modified pulsed-DC PECVD technique and an additional cathode, *Surface & Coatings Technology* (2016), doi:10.1016/j.surfcoat.2016.08.096

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Improvement of the properties and the adherence of DLC coatings deposited using a modified pulsed-DC PECVD technique and an additional cathode

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