Title (en)

SYSTEM FOR ELECTROCOATING CONDUCTIVE SUBSTRATES

Title (de)

SYSTEM ZUR ELEKTROTAUCHLACKIERUNG VON LEITFÄHIGEN SUBSTRATEN

Title (fr)

SYSTÈME D'ÉLECTRODÉPOSITION DE SUBSTRATS CONDUCTEURS

Publication

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Application

EP 19797493 A 20191014

Priority

- US 201862745494 P 20181015
- US 2019056107 W 20191014

Abstract (en)

[origin: WO2020081447A1] The present invention is directed towards an electrocoating system for electrocoating a substrate (500), the system comprising a tank (100) configured to hold an electrodepositable coating composition; at least one pump (200) in fluid communication with the tank, at least one return conduit (210) connecting the tank with an inlet of the pump, at least one recirculating pipe (300) comprising a first end in fluid communication with an outlet of the pump and a second end having at least one aperture, and the at least one recirculating pipe comprising at least one external electrode (400) positioned at least partially outside of the tank. Also disclosed herein are methods of coating substrates, systems for coating a substrate, and coated substrates.

IPC 8 full level

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CPC (source: EP KR US)

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