

Title (en)

Process and apparatus for surface treating metallic cans particularly made of aluminium or its alloys

Title (de)

Verfahren und Vorrichtung zur Oberflächenbehandlung von Metalldosen, insbesondere aus Aluminium oder dessen Legierungen

Title (fr)

Méthode, dispositif et appareil de traitement de surface de corps de boîtes métalliques, en particulier en A1 ou ses alliages

Publication

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Application

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Abstract (en)

[origin: EP0596817A1] Method, device and apparatus for surface treatment, such as a coating and/or a cleaning of bodies of metal cans, preferably made of Al and its alloys, more particularly of bodies of cans obtained by deep drawing, drawing-deep drawing or impact extrusion. The device according to the invention comprises at least the following components: a) a nozzle (23) of electrically conductive material such as graphite or stainless steel, pierced with an axial channel, substantially vertical in direction, on which a can body to be treated can be arranged upside down, b) guiding means (6) permitting an easy displacement of the can body in a substantially vertical direction, c) an electrode (11) forming an electrical contact and situated above the bottom of the can body. The method consists in conveying a basket containing the cans from an (electrolytic) cleaning station to a rinsing station and then to an (electrophoretic) coating station and finally to a rinsing station. The invention finds its application in the packaging industry. <IMAGE>

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