

Title (en)

METHOD FOR ECOLOGICALLY TREATING THE SURFACE OF A METALLIC CONTAINER, COMBINING A CHEMICAL ACTION AND A MECHANICAL ACTION

Title (de)

UMWELTFREUNDLICHES VERFAHREN ZUR CHEMISCHEN UND GLEICHZEITIG MECHANISCHEN OBERFLÄCHENBEHANDLUNG VON METALLBEHÄLTER

Title (fr)

PROCEDE DE TRAITEMENT DE SURFACE ECOLOGIQUE D'UN CONTENEUR METALLIQUE, ASSOCIANT UNE ACTION CHIMIQUE ET UNE ACTION MECANIQUE

Publication

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Application

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Abstract (en)

[origin: WO2004108309A1] The invention relates to a method for treating the surface of a metallic container comprising at least one opening, using at least one treatment solution. The inventive method is characterised in that it consists of the following steps: the container is placed in a treatment enclosure in such a way that the opening thereof is downwardly oriented, said enclosure comprising a plurality of nozzles for blasting said solution under pressure and at least one receiving vessel; at least one blasting nozzle is introduced via the opening of the container; the enclosure is rendered gas-tight and liquid-tight; a treatment solution containing at least one degreasing, stripping, passivating, shining, cleaning, rinsing or colouring reagent is blasted by means of at least one blasting nozzle, under a minimum pressure of 8 bar; the solution is collected in the receiving vessel for recycling purposes; and optionally, other treatment solutions are successively blasted by means of at least one blasting nozzle, and are successively collected after use in a receiving vessel for recycling purposes, until the desired surface state is obtained. The invention also relates to a treatment device and a treatment line.

IPC 8 full level

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