

Title (en)
METHOD FOR PICKLING METAL MATERIALS

Title (de)
VERFAHREN ZUM ÄTZEN VON METALLISCHEN WERKSTOFFEN

Title (fr)
PROCEDE DE DECAPAGE DE MATERIAUX METALLIQUES

Publication
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Application
EP 95922577 A 19950607

Priority
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Abstract (en)
[origin: WO9534695A1] Method in which the pickling solution is sprayed onto the metal part in a confined atmosphere with an oxygen supply by feeding into the spraying enclosure an oxygen-containing gas, the pickling solution being recycled in a closed pickling solution circuit. The device for pickling metal surfaces comprises a spraying enclosure (1) with a collecting tank (2), means for spraying (6) a pickling solution (S) in said enclosure, means (11) for recirculating said solution between said tank (2) and said spraying means (6) and means (8, 9) for passing an oxygen-containing gas through said enclosure, and optionally means (13) for maintaining the temperature of said solution, and control means. The method of the invention is designed to improve the productivity of lines for pickling stainless or alloy steel components while economising on reagents.

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