

Title (en)

Process for the nitrocarburization of a deep drawn article or a bent pressed article made of austenitic stainless steel

Title (de)

Verfahren zur Nitrocarburierung eines Tiefziehartikels oder eines Stanzbiegeartikels aus austenitischem nichtrostendem Edelstahl

Title (fr)

Procédé de nitrocarburation d'un article thermoformé ou d'un article plié-découpé à partir d'acier inoxydable austénitique

Publication

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Application

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Priority

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Abstract (en)

[origin: CN104694873A] A method for the nitro-carburization of a deep-drawn article or a stamped-bent article made of austenitic rustproof stainless steel includes inserting the article into an oven in a first process step and heating the article to a first temperature, wherein an oxygen containing standard atmosphere that is present in the oven is replaced by a first gas mixture, and in which the article is heated up to a second temperature in a second process step, wherein the first gas mixture is replaced by a second gas mixture, and in which the article is maintained on the second temperature in a third process step, wherein the article is treated with the second gas mixture, and in which the article is cooled down to a third temperature in a fourth process step, wherein the second gas mixture is replaced by a third gas mixture.

IPC 8 full level

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