

Title (en)

METHOD FOR PRODUCING ONE-PIECE HOLLOW BODIES, HOLLOW BODY, AND USE OF THE SAME

Title (de)

VERFAHREN ZUM HERSTELLEN EINTEILIGER HOHLKÖRPER, HOHLKÖRPER UND VERWENDUNG DES HOHLKÖRPERS

Title (fr)

PROCEDE DE FABRICATION DE CORPS CREUX MONOPIECES, CORPS CREUX ET UTILISATION DU CORPS CREUX

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Application

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Abstract (en)

[origin: WO2005016570A1] The invention relates to a method for producing weldable, highly resistant hollow bodies (1) from a tubular blank, to which a graduation of the diameter and/or the wall thickness with at least a conical or a stepped transition is applied by means of cold forming by flow-turning (A). The invention also relates to a hollow body and to the use thereof. The aim of the invention is to provide a method that enables an application-optimised, highly resistant, weldable hollow body (1) to be formed with low production costs and a high level of flexibility in the shaping and production thereof. To this end, the forming process is carried out by means of flow-turning, at least the formed region being cooled during the forming process.

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