

Title (en)

METHOD FOR CUTTING EXTRUDED PROFILE SECTIONS

Title (de)

VERFAHREN ZUM ABLÄNGEN VON STRANGPRESSPROFILIEN

Title (fr)

PROCEDE PERMETTANT DE COUPER DES PROFILES EXTRUDES

Publication

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Application

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Abstract (en)

[origin: WO03074205A1] The invention relates to a method for cutting hollow-shaped extruded profile sections in a press flow, wherein the extruded profile section is bent upon exit from the press either simultaneously with or directly after the forming extrusion process by means of a force acting thereon in a transversal manner in relation to the direction of the extruding press, and a force component acts as a traction of pressure force during the forming extrusion process on the cross-sectional area of the hollow-profile walls thus arising. The bent extruded profile section is cut in the press flow by the mechanical action of a saw, whereby force exerted on the extruded profile section during cutting is compensated by a supporting device arranged adjacent to the extruded profile section, so that deformation of the bent extruded profile section is prevented. The extruded profile section is made from an aluminium or magnesium alloy and has a temperature of 200 DEG C - 600 DEG C during cutting.

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