

Title (en)
DEVICE FOR THE EXTRUSION OF A HOLLOW SECTION

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Application
EP 83810591 A 19831214

Priority
DE 3247977 A 19821224

Abstract (en)
[origin: US4592224A] A process for extruding a metal billet, in particular a light metal billet in an extrusion container, into the form of a hollow section through a shape-giving orifice in a die having a mandrel which determines the inner contour of the hollow section, and a device with stem for extruding should be designed such that it is possible to produce flanged tubes with integral flange in one piece. This object is achieved by way of the invention in that in the extrusion of the hollow section an integral flange is produced, preferably at the end of the extrusion stroke. In the extrusion press suitable for this purpose a shaping recess is provided, with respect to the extrusion direction, immediately before the orifice of the die, the radial dimension of which is greater than the width of the die orifice. As such it should be possible to separate the die radial to the extrusion direction into at least two parts.

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Cited by
KR101230752B1; US9545653B2; US11318513B2; EP2906370A4; EP3725428A1; US10478879B2; US11305322B2

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