

Title (en)
PROCESS FOR EXTRUDING A METAL SECTION

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES METALLPROFILSTRANGES

Title (fr)
PROCEDE DE FABRICATION PAR EXTRUSION D'UNE BARRE PROFILEE EN METAL

Publication
EP 0935504 A1 19990818 (DE)

Application
EP 97943712 A 19971020

Priority

- EP 97943712 A 19971020
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- EP 96810732 A 19961104

Abstract (en)
[origin: EP0839589A1] A process is disclosed for extruding a profiled section (40) made at least partially of a metallic material. A preform (36) is extruded in a partially solid or partially liquid state into a section (40) and the extruded section in the partially solid or partially liquid state is guided through a chilling mould (16) in which it solidifies. The corresponding device has an optionally heatable preform chamber (12) for receiving the preforms (36), an optionally heatable moulding chamber (14) which follows the preform chamber and in which the preform (36) is extruded into a profiled section (40), and a chilling mould (16) that follows the moulding chamber (14) and in which the profiled section solidifies. A matrix (18) can be arranged directly after the mould (16) for giving its final shape to the cross section of the profiled section. This process and device enable profiled sections to be produced with areas made of different materials across their cross sections.

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