

Title (en)
METHOD OF EXTRUDING HOLLOW LIGHT METAL MEMBER

Title (de)
VERFAHREN ZUM EXTRUDIEREN EINES HOHLEN LEICHTMETALLELEMENTS

Title (fr)
PROCEDE D'EXTRUSION D'UN ELEMENT METALLIQUE LEGER CREUX

Publication
EP 1637246 A1 20060322 (EN)

Application
EP 04732202 A 20040511

Priority

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- JP 2003146839 A 20030523

Abstract (en)
It is an object to realize and establish new extrusion technology for manufacturing a light-metal hollow member (product) having excellent mechanical properties with constant stability and also efficiently manufacturing the product having a strength satisfying a required level at low cost, by using a hollow die such as a bridge die. The object is achieved by dividing and joining/welding a light-metal material with a hollow extrusion die and then extruding the light-metal material to form in a desired cross-sectional shape through a die opening, wherein the strain level applied to the light-metal material after the joining/welding is maintained at 1.8 or more and the extrusion is performed.

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B21C 23/08; **B21C 25/02**

IPC 8 full level
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