

Title (en)

BRIDGE TOOL FOR PRODUCING EXTRUDED PROFILED ELEMENTS OF VARYING CROSS-SECTION

Title (de)

BRÜCKENWERKZEUG ZUR ERZEUGUNG VON STRANGPRESSPROFILIEN MIT VARIIERENDEM QUERSCHNITT

Title (fr)

OUTIL DE TYPE PONT SERVANT À PRODUIRE DES PROFILÉS EXTRUDÉS À SECTION TRANSVERSALE VARIABLE

Publication

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Application

**EP 18745490 A 20180626**

Priority

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Abstract (en)

[origin: WO2019001635A1] The invention relates to a bridge tool for a device for directly extruding hollow profiled elements of variable wall thickness, comprising a die (6) and at least one mandrel element (5) having a first end facing the die opening and an opposite second end, the outer profile contour of a hollow profiled element being defined by the geometry of the die opening and the inner cross-section of a hollow profiled element being defined by the at least one mandrel element (5), characterized in that the at least one mandrel element (5) has at least one cut-out, in which an inner sliding mandrel is arranged, said inner sliding mandrel being mounted for movement in the axial direction, the inner sliding mandrel having different cross-sections in the first end region of the inner sliding mandrel facing the first end of the mandrel element.

IPC 8 full level

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