

Title (en)

INJECTION DEVICE AND METHOD FOR PRODUCING AT LEAST ONE METALLIC GLASS PART

Title (de)

INJEKTIONSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON MINDESTENS EINEM METALLISCHEN GLASTEIL

Title (fr)

DISPOSITIF ET PROCÉDÉ D'INJECTION POUR LA PRODUCTION D'AU MOINS UNE PIÈCE EN UN VERRE MÉTALLIQUE

Publication

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Application

EP 18727029 A 20180604

Priority

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- EP 2018064562 W 20180604

Abstract (en)

[origin: WO2018224418A1] An injection device and method for producing at least one metallic glass part, in which a vertical piston (8) is able to move in a vertical direction, a top end portion (9) of the piston being suitable for being engaged in an injection chamber (4) of a mould linked to a cavity of this mould and open at the bottom; the piston (8) having a top end face (11) on which an element made from metallic glass (16) to be introduced into said chamber (4) can be positioned, the top face (11) of the piston (8) having a concave shape (12) suitable for receiving a bottom portion of the element made from metallic glass (16). A heating means (14) situated under the mould comprises induction coils (15), such that, when the piston is in an intermediate position, the majority of the metallic element is situated in the space surrounded by the induction coils.

IPC 8 full level

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