

Title (en)

A METHOD AND SYSTEM FOR FABRICATING BULK METALLIC GLASS SHEETS

Title (de)

VERFAHREN UND SYSTEM ZUR HERSTELLUNG VON MASSIVEN METALLISCHEN GLASSCHEIBEN

Title (fr)

PROCÉDÉ ET SYSTÈME DE FABRICATION DE FEUILLES EN VERRE MÉTALLIQUE EN VRAC

Publication

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Application

EP 14884848 A 20141219

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Abstract (en)

[origin: WO2015134089A2] This invention describes a method and hardware of how to deform metallic glasses under low force and stabilized conditions to fabricate thin and large area metallic glass sheets. It is based on a combination of thermoplastic rolling and stretching and typically combined with a pre-heating method. The predominant mode of deformation is dependent on the BMG conditions such as thickness, viscosity, and crystallization time.

IPC 8 full level

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Citation (search report)

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Designated contracting state (EPC)

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