

Title (en)
METAL ALLOY INJECTION TECHNIQUES

Title (de)
VERFAHREN ZUR INJEKTION VON METALLLEGIERUNGEN

Title (fr)
TECHNIQUES D'INJECTION D'ALLIAGE MÉTALLIQUE

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Application
EP 12886525 A 20121017

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Abstract (en)
[origin: WO2014059621A1] Metal alloy injection molding techniques are described. In one or more implementations, these techniques may also include adjustment of injection pressure, configuration of runners, and/or use of vacuum pressure, and so on to encourage flow of the metal alloy through a mold. Techniques are also described that utilize protrusions to counteract thermal expansion and subsequent contraction of the metal alloy upon cooling. Further, techniques are described in which a radius of edges of a feature is configured to encourage flow and reduce voids. A variety of other techniques are also described herein.

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