OAK RIDGE NATIONAL LABORATORY
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Electromagnetic Print Nozzle for Direct-Write Additive Manufacturing with Resistive Renditions

Disclosure Number

201603639

Technology Summary

The invention relates to additive manufacturing and more specifically to a device and method for directly printing metals. We have developed a robust electromagnetically driven contactless direct-write manufacturing technology. This system allows for the direct heating of materials through the use of induction heating, thus increasing efficiency and allowing for the use of metals in small scale systems.

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