

Additively manufactured and topology optimized heatsink for a propulsion motor

Sarap, Martin; Kallaste, Ants; Vaimann, Toomas; Ghahfarokhi, Payam Shams 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700108>

Analysis of advanced passive heatsinks for electrical machines enabled by additive manufacturing

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Comparative Study of Advanced Heatsink Structures for Improved Thermal Performance in Axial Flux Motors

Sarap, Martin; Singh, Shalini; Kallaste, Ants; Qureshi, Ahmed Jawad; **Tiismus, Hans; Vaimann, Toomas;** Ghahfarokhi, Payam Shams IEEE Access 2025 / p. 100850-100860 <https://doi.org/10.1109/ACCESS.2025.3577289>

Design of an additively manufactured polymer composite electrical machine

Sarap, Martin; Kallaste, Ants; Naseer, Muhammad Usman; Tiismus, Hans; Rjabtšikov, Viktor; Ghahfarokhi, Payam Shams; Vaimann, Toomas; Aman, Alexander; Kutia, Mykhailo 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227413>

Design of an additively manufactured thermal solution for an axial flux switched reluctance motor

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Determining the thermal conductivity of additively manufactured metal specimens

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Direct conductor cooling of outer-rotor machine enabled by additive manufacturing

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Direct conductor cooling of outer-rotor machine enabled by additive manufacturing

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The effect of build direction on the thermal conductivity of additively manufactured AIS10Mg and silicon-steel samples

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3D-prinditud jahuti muudab elektrimasinad töökindlamaks ja tõhusamaks

Sarap, Martin novaator.err.ee 2023 [3D-prinditud jahuti muudab elektrimasinad töökindlamaks ja tõhusamaks](https://novaator.err.ee/3D-prinditud-jahuti-muudab-elektrimasinad-tookindlamaks-ja-tohusamaks)

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Utilization of additive manufacturing in the thermal design of electrical machines : a review

