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THERMAL MANAGEMENT IN E-MOBILITY WITH SCROLLS FROM BOOSTER

Thermal management and conditioning of the battery are key to long battery life and extending the electric range of vehicles.

Currently, scroll compressors are taking over the thermal management market and many manufacturers are switching from traditional belt-driven AC compressors to electric A/C compressors. The higher efficiency and lower noise compared to belt-driven A/C compressors have great advantages for use in e-mobility.

BOOSTER is working with several customers to develop the key components, fully machined precision scrolls, which are critical to the longevity and performance of the scroll compressors.

In 2023, BOOSTER will start the first series production for a customer application and hopes for a positive development of the market requirements.