

BorgWarner liefert eFan-System für batterieelektrische schwere Lkw eines globalen OEM

- *Größter eFan-Geschäftserfolg des Unternehmens in Nordamerika*
- *eFan mit bis zu 10 kW Leistung und 40 Nm Drehmoment*
- *Flüssigkeitsgekühlter e-Motor und Leistungselektronik*

Auburn Hills, Michigan, 31. Juli 2024 – BorgWarner hat einen Vertrag zur Lieferung seines eFan-Systems für batterieelektrische Schwerlast-Lkw eines bedeutenden globalen OEM in Nordamerika abgeschlossen. Dieser Vertragsabschluss ist BorgWarners größter eFan-Geschäftserfolg in Nordamerika, mit Produktionsbeginn im vierten Quartal 2027.

Das eFan-System von BorgWarner, bestehend aus einem Lüfter, einem e-Motor sowie einem integrierten Hochspannungsumrichter, kann bis zu 10 kW Leistung und 40 Nm Drehmoment erreichen. Mit Optionen für niedrige und hohe Leistungssegmente ist das System darauf ausgelegt Betriebstemperaturen von minus 40 Grad Celsius bis zu 80 Grad Celsius abzudecken. Das modulare Design des Systems ermöglicht es den Kunden, die Komponenten des eFan an ihre spezifischen Anforderungen und Standards anzupassen.

Darüber hinaus bietet BorgWarners eFan-System ein erstklassiges NVH-Verhalten. Die Lüftergeometrie ist optimiert, um bei Drehzahlen von weniger als 3.000 U/min volle Leistung zu erbringen. Dies reduziert die Gesamtgeräusche, beispielsweise während dem Laden der Batterie.

„Da die Branche weiterhin großen Wert auf die Reduzierung von Emissionen legt, ist der Bedarf an Leistungselektronik-Komponenten unerlässlich“, sagte Dr. Volker Weng, Vice President von BorgWarner Inc. und President and General Manager, Turbos and Thermal Technologies. „Unser anspruchsvolles und effizientes eFan-System erfüllt mit seiner Skalierbarkeit spezifische Kundenanforderungen und bietet zudem einen breiten Spannungsbereich und Flüssigkeitskühlung für langlebige Zuverlässigkeit.“

Das eFan-System unterstützt Spannungsbereiche von 550 V bis 850 V und ist mit einer Vielzahl von Hochspannungssystemen für Nutzfahrzeuge kompatibel. Ein wesentliches Merkmal des eFans ist, dass der e-Motor und die Leistungselektronik flüssigkeitsgekühlt sind, um Kompaktheit und Robustheit zu fördern und die Zuverlässigkeit im langfristigen Betrieb zu ermöglichen.

Das eFan-Portfolio von BorgWarner bietet Lösungen, die den Anforderungen verschiedener schwerer batterieelektrischer sowie brennstoffzellenbetriebener Nutzfahrzeuganwendungen gerecht werden. Für Anwendungen im Hochleistungssegment sind eFan-Systeme bis zu 40 kW und 160 Nm verfügbar. Kunden können auch Schnittstellen und Anschlüsse anpassen und wählen, ob sie bestimmte Systemteile wie externe oder integrierte Inverter sowie offene Lüfter oder Ringlüfter verwenden möchten.

Über BorgWarner

BorgWarner bringt als globaler Produktführer seit mehr als 130 Jahren erfolgreich Mobilitätsinnovationen auf den Markt. Mit unserem Fokus auf Nachhaltigkeit tragen wir dazu bei, eine saubere, gesunde und sichere Zukunft zu schaffen.



BorgWarner hat einen Vertrag über die Lieferung seines eFans für eine Serie batteriebetriebener Schwerlastfahrzeuge eines großen globalen OEMs in Nordamerika abgeschlossen.

Forward Looking Statements: This release may contain forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management's current outlook, expectations, estimates and projections. Words such as "anticipates," "believes," "continues," "could," "designed," "effect," "estimates," "evaluates," "expects," "forecasts," "goal," "guidance," "initiative," "intends," "may," "outlook," "plans," "potential," "predicts," "project," "pursue," "seek," "should," "target," "when," "will," "would," and variations of such words and similar are intended to identify such forward-looking statements. Further, all statements, other than statements of historical fact, contained or incorporated by reference in this release that we expect or anticipate will or may occur in the future regarding our

BorgWarner Inc. (BorgWarner to Deliver eFan System for Global OEM's Heavy-Duty BEV Trucks_DE) – 3

financial position, business strategy and measures to implement that strategy, including changes to operations, competitive strengths, goals, expansion and growth of our business and operations, plans, references to future success and other such matters, are forward-looking statements. Accounting estimates, such as those described under the heading "Critical Accounting Policies and Estimates" in Item 7 of our most recently filed Annual Report on Form 10-K ("Form 10-K"), are inherently forward-looking. All forward-looking statements are based on assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions and expected future developments, as well as other factors we believe are appropriate under the circumstances. Forward-looking statements are not guarantees of performance, and the Company's actual results may differ materially from those expressed, projected or implied in or by the forward-looking statements.

You should not place undue reliance on these forward-looking statements, which speak only as of the date of this release. Forward-looking statements are subject to risks and uncertainties, many of which are difficult to predict and generally beyond our control, that could cause actual results to differ materially from those expressed, projected or implied in or by the forward-looking statements. These risks and uncertainties, among others, include: supply disruptions impacting us or our customers, commodity availability and pricing, and an inability to achieve expected levels of recoverability in commercial negotiations with customers concerning these costs; competitive challenges from existing and new competitors, including original equipment manufacturer ("OEM") customers; the challenges associated with rapidly changing technologies, particularly as they relate to electric vehicles, and our ability to innovate in response; the difficulty in forecasting demand for electric vehicles and our electric vehicles revenue growth; potential disruptions in the global economy caused by wars or other geopolitical conflicts; the ability to identify targets and consummate acquisitions on acceptable terms; failure to realize the expected benefits of acquisitions on a timely basis; the possibility that our 2023 tax-free spin-off of our former Fuel Systems and Aftermarket segments into a separate publicly traded company will not achieve its intended benefits; the failure to promptly and effectively integrate acquired businesses; the potential for unknown or inestimable liabilities relating to the acquired businesses; our dependence on automotive and truck production and is highly cyclical and subject to disruptions; our reliance on major OEM customers; impacts of any future strikes involving some of our OEM customers and any actions such OEM customers take in response; fluctuations in interest rates and foreign currency exchange rates; our dependence on information systems; the uncertainty of the global economic environment; the outcome of existing or any future legal proceedings, including litigation with respect to various claims, or governmental investigations, including related litigation; future changes in laws and regulations, including, by way of example, taxes and tariffs, in the countries in which we operate; impacts from any potential future acquisition or disposition transactions; and the other risks, noted in reports that we file with the Securities and Exchange Commission, including Item 1A, "Risk Factors" in our most recently-filed Form 10-K and/or Quarterly Report on Form 10-Q. We do not undertake any obligation to update or announce publicly any updates to or revisions to any of the forward-looking statements in this release to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

PR-Kontakt:

Anna Penava

Telefon: +49 7141-132-753

E-Mail: mediacontact.eu@borgwarner.com