

BorgWarner gewinnt erstes Geschäft für Hochvolt-eFan

- *Effizientes, robustes 40kW-System vereint Lüfter, Elektromotor und Inverter*
- *eFan kommt in batterieelektrischen Schwerlast- und Fernverkehr-Lkw zum Einsatz*
- *System eignet sich für viele verschiedene elektrische Nutzfahrzeuge, da unterschiedliche Lüfter verwendet werden können*

Auburn Hills, Michigan, 15. Februar 2022 – BorgWarner wird sein eFan-System für batteriebetriebene Schwerlast- und Fernverkehr-Lkw an einen großen europäischen OEM liefern. Das ist BorgWarners erster Auftrag für seinen Hochvolt-eFan, welcher spezifisch auf die individuellen Bedürfnisse des Kunden zugeschnitten ist. Zum Einsatz kommen wird das System in Fahrzeugen für den europäischen Markt. Die Produktion soll Ende 2024 beginnen.

„Wir arbeiten schon lange mit diesem Kunden zusammen. Dieser Auftrag ist ein weiterer Beleg für das Vertrauen in unsere Kompetenz im Bereich Thermomanagement“, sagt Joe Fadool, President und General Manager, BorgWarner Emissions, Thermal and Turbo Systems. „Fahrzeughersteller weltweit sind mit anspruchsvollen Emissionszielen konfrontiert, die in allen Segmenten den Übergang von herkömmlichen Verbrennungsmotoren zu CO₂-neutralen Antriebssträngen beschleunigen. Unser Hochvolt-eFan wird eine Schlüsselrolle bei den Kühlstrategien für elektrifizierte Nutzfahrzeuge spielen.“

Vollelektrische Schwerlastkraftwagen der nächsten Generationen werden spezielle Hochvolt-Thermomanagement-Lösungen wie den eFan benötigen, um den Elektromotor, die Batterie und die Elektronik entsprechend zu kühlen. Mithilfe der numerischen Strömungssimulation konnte BorgWarner das Design des Lüfters für höchste Leistung und Effizienz optimieren. Ein robuster Elektromotor, der über einen Inverter vom Bordnetz versorgt wird, treibt den Hochvolt-eFan an. Dieser 40kW-Motor mit kompakten Abmessungen weist eine sehr hohe Leistungsdichte auf. Er ist außerdem für Drehzahlen unter 3000 U/min optimiert, flüssigkeitsgekühlt und für einen zuverlässigen Langzeitbetrieb vollständig gekapselt. Das

System verfügt über einen Betriebsbereich von unter 650 bis zu 850 Volt, wodurch es mit einer Vielzahl von Hochspannungsbordnetzen in Nutzfahrzeugen kompatibel ist.

BorgWarner ist Markt- und Produktführer im Bereich Thermomanagement. Dieses Knowhow ist das Ergebnis jahrelanger Entwicklungsarbeit in den Bereichen Systemsimulation, Design und Test. Umfangreiche Kapazitäten stehen zur Verfügung, um die Anforderungen globaler Kunden zu erfüllen und gleichzeitig Kraftstoffverbrauch und Emissionen zu senken. Mit dem neuen Hochvolt-eFan unterstützt BorgWarner OEMs bei der Einhaltung immer strengerer Emissionsvorschriften für Schwerlastfahrzeuge in Europa.

Über BorgWarner

BorgWarner Inc. (NYSE: BWA) ist ein globaler Produktführer, der innovative und nachhaltige Mobilitätslösungen für den Automobilmarkt liefert. Aufgrund seiner umfangreichen Erstausrüster-Expertise bietet BorgWarner marktführende Produkt- und Service-Lösungen auch für den globalen Aftermarket. Das Unternehmen unterhält Fertigungsstätten und technische Einrichtungen an 93 Standorten in 22 Ländern und beschäftigt rund 49.000 Mitarbeiter weltweit. Weitere Informationen unter borgwarner.com.



Der effiziente und robuste eFan von BorgWarner kombiniert Lüfter, Elektromotor und Inverter.

Forward-Looking Statements: This press 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 expressions are intended to identify such forward-looking statements. Further, all statements, other than statements of historical fact contained or incorporated by reference in this press release that we expect or anticipate will or may occur in the future regarding our 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 press 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, such as the current shortage of semiconductor chips that has impacted original equipment manufacturer (“OEM”) customers and their suppliers, including us; commodities availability and pricing; competitive challenges from existing and new competitors including OEM customers; the challenges associated with rapidly-changing technologies, particularly as relates to electric vehicles, and our ability to innovate in response; uncertainties regarding the extent and duration of impacts of matters associated with the COVID-19 pandemic, including additional production disruptions; the difficulty in forecasting demand for electric vehicles and our electric vehicles revenue growth; the possibility that the proposed acquisition of Santroll’s light vehicle eMotor business will not be consummated; the ability to identify targets and consummate acquisitions on acceptable terms; failure to realize the expected benefits of acquisitions on a timely basis including our recent acquisition of AKASOL AG and our 2020 acquisition of Delphi Technologies PLC; the ability to identify appropriate combustion portfolio businesses for disposition and consummate planned dispositions on acceptable terms; 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, both of which are highly cyclical and subject to disruptions; our reliance on major OEM customers; 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; 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 press 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