

BorgWarner signe de nouveaux contrats de fourniture de moteurs électriques avec XPeng

- *Les moteurs électriques BorgWarner haute tension 800 V à bobinage en épingle à cheveux et refroidis par l'huile sont destinés à deux futurs modèles de SUV de XPeng.*
- *Ils offrent une puissance et une densité de couple élevées, un meilleur rendement et une durabilité supérieure.*
- *Ces nouveaux contrats renforcent le leadership technologique de la société et le partenariat de longue date avec le client.*

Auburn Hills, Michigan, 6 mai 2024 – BorgWarner a annoncé la signature de deux contrats de fourniture de moteurs électriques haute tension à bobinage en épingle à cheveux (HVH) avec XPeng, constructeur chinois de pointe de véhicules électriques. Les moteurs 800 V à refroidissement par huile de BorgWarner sont destinés à deux prochains modèles de SUV et sont composés d'un stator et d'un rotor spécialement adaptés à ces véhicules. Le lancement en production est prévu pour 2025. Le moteur électrique HVH220 de BorgWarner offre une puissance et une densité de couple élevées, un meilleur rendement et une durabilité supérieure.

« Nous sommes ravis de développer notre activité dans la motorisation électrique avec XPeng et de renforcer notre partenariat de longue date avec eux » a déclaré Stefan Demmerle, Président et General Manager, BorgWarner PowerDrive Systems. « En faisant évoluer constamment notre technologie HVH, nous nous engageons à fournir un rendement maximal aux deux futurs modèles de SUV de notre client. »

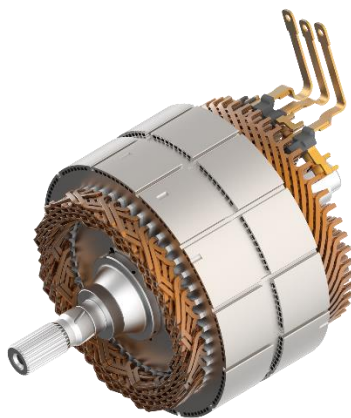
Le moteur électrique haute tension HVH220, doté de la technologie brevetée de bobinage en épingle à cheveux de BorgWarner, fonctionne dans un système de propulsion 800 V. Il utilise un stator de 220 mm de diamètre extérieur et intègre un rotor à aimants permanents ainsi que des technologies exclusives d'amélioration de l'isolation du stator, offrant ainsi une durabilité et une fiabilité de premier ordre. Le moteur BorgWarner HVH220 peut délivrer jusqu'à 300 kW de

puissance et atteindre une vitesse de fonctionnement maximale de 18 000 tr/min, avec des rendements de pointe supérieurs à 97 %.

BorgWarner a développé des solutions de refroidissement par huile pour répondre aux exigences de performance des moteurs plus puissants. Plus précisément, l'huile de la boîte de vitesses refroidit le moteur, améliorant ainsi le transfert de chaleur et le rendement global de la gestion thermique. Le refroidissement direct du rotor par l'huile permet d'extraire la chaleur du cœur du moteur électrique pour apporter un couple et une densité de puissance plus élevés.

À propos de BorgWarner

Depuis plus de 130 ans, BorgWarner, leader mondial, innove avec succès dans le domaine de la mobilité. Nous mettons l'accent sur le développement durable et contribuons à construire un avenir plus propre, plus sain et plus sûr pour tous.



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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 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.

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