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# Qualcomm and BRUSA Sign Commercial Wireless Electric Vehicle Charging License Agreement

## -- Automotive Tier 1 power electronics supplier licenses Qualcomm Halo™ Patent Portfolio --

SAN DIEGO, July 29, 2015 /PRNewswire/ -- Qualcomm Incorporated (NASDAQ: QCOM) and BRUSA Elektronik AG today announced that they have entered into a Wireless Electric Vehicle Charging (WEVC) patent license agreement. BRUSA, an automotive Tier 1 power electronics supplier, has licensed Qualcomm Halo™ patented inventions to commercialize WEVC systems for Plug-In Hybrid and Electric Vehicles (EVs). Under the terms of the agreement, Qualcomm granted to BRUSA a royalty-bearing patent license to develop, make and supply WEVC systems for certain automobile manufacturers.

Automobile manufacturers around the world have spotted the huge potential of wireless charging as it is user friendly. BRUSA Elektronik AG has been pioneering technology in this area with its "ICS" wireless charging system which can transfer power to vehicles safely and at high efficiency, eliminating the need for charging cables currently required by EVs. "We are excited about our license agreement with BRUSA; it expands and diversifies the Qualcomm Halo™ supplier network, giving automobile manufacturers another trusted source of our advanced inventions," said Steve Pazol, vice-president & general manager wireless charging, Qualcomm Incorporated. "Qualcomm Halo™ licensees can bring to market highly efficient, fit-for-purpose, WEVC systems, which allow convenient charging and improve the EV driver's user experience. We believe access to Qualcomm Halo™ technology is important to building WEVC systems that meet the needs of automotive OEMs and their end-customers, including WEVC systems incorporating magnetics based on a circular coil structure."

BRUSA has developed its own coil geometry called FRAME® technology. The coil is rectangular and enables inductive charging of electric vehicles with the integration of power electronics both in the vehicle and in the base plate enabling a one box system. As a leader in the development of highly efficient power electronics for electric mobility BRUSA will work with certain major automotive manufacturers to commercialize its wireless charging system including specific aspects of the Qualcomm Halo™ inventions. Josef Brusa, CEO of BRUSA Elektronik AG is confident: "Wireless charging will win, it will give e-mobility a big boost, it will set new, sustainable technology apart from old gasoline-based technology. We are determined to make wireless charging a reality. We already offer technically sound and commercially viable systems to the market and we are excited about the potential of wireless charging." BRUSA is currently working on WEVC systems with several leading automakers with firm plans to introduce wireless charging in their automobiles in the near future.

### About Qualcomm Incorporated

Qualcomm Incorporated (NASDAQ: QCOM) is a world leader in 3G, 4G and next-generation wireless technologies. Qualcomm Incorporated includes Qualcomm's licensing business, QTL, and the vast majority of its patent portfolio. Qualcomm Technologies, Inc., a wholly-owned subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of Qualcomm's engineering, research and development functions, and substantially all of its products and services businesses, including its semiconductor business, QCT. For more than 25 years, Qualcomm ideas and inventions have driven the evolution of digital communications, linking people everywhere more closely to information, entertainment and each other. For more information, visit Qualcomm's [website](#), [OnQ blog](#), [Twitter](#) and [Facebook](#) pages. More information on the Qualcomm Halo™ technology can be found at: [qualcomm.com/#/products/halo](http://qualcomm.com/#/products/halo)

### About BRUSA

Since its formation, BRUSA Elektronik AG, headquartered in Sennwald, Switzerland, has focused on developing highly efficient power electronics for electric vehicles. Electric drives, highly efficient DC/DC converters and battery chargers, high-speed motor controllers, and portable power electronics are just a few of the solutions BRUSA supplies to automobile manufacturers around the world. The company is 100% employee owned and has enjoyed continued growth through diligent business development. BRUSA technology is world-beating. In 2013 BRUSA's wireless charging system ICS was awarded the renowned eCarTec award by the German state of Bavaria. For more information, visit BRUSA's [website](#).

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