

Press release

Proton Motor achieves a significant reduction in operating costs in the field of e-mobility

Fuel cells revolutionise local transport and logistics

With our latest development in the high performance range we achieve the same operating costs as diesel hybrid vehicles. Proton Motor is already in negotiation with leading bus and truck manufacturers. "We are not yet able to reveal names. We can, however, say that this is a very exciting development. The entire bus and logistics industries are target markets for us. Vehicles using our system are completely emissions free. This enables us to come a big step closer to our aim of improved quality of life in our cities. The implementation of the new technology can now proceed apace. We are anticipating a vigorous response." says Thomas Melczer, responsible for business development at Proton Motor.

The drive system is based on the HyRange fuel cell system combined with a battery. This system meets demands in respect of range, payload and costs, with zero emissions and low-noise drive.

The hydrogen based HyRange-Extender for electrical battery-driven commercial vehicles and buses provides additional energy for areas of application for which the existing battery capacity is not sufficient enough. The system was developed as a modular solution in order to ensure a broad range of applications for various platforms. The only emission produced during operation is a small amount of clean, warm water. No harmful substances are produced.

Visit Proton Motor and the HyRange from September 30th to October 2nd 2013 at the f-cell trade fair in Stuttgart, booth: 2E20 as well as Ride & Drive



Smith-Newton with the Proton Motor HyRange system



Skoda bus with the Proton Motor fuel cell system

Proton Motor Fuel Cell GmbH

Proton Motor is pleased to report about the 5th year of operation of the FCS Alsterwasser in Hamburg. The ship was equipped with a 50kW Proton Motor fuel cell system. To date it has carried more than 50,000 passengers over the Alster with zero emissions.

Proton Motor is an expert in industrial fuel cells, fuel cell and hybrid systems with more than 17 years of experience in this sector. Based in Puchheim near Munich Proton Motor offers complete fuel cell and hybrid systems from a single source – from the development and production through the implementation of customized solutions. The focus of Proton Motor Fuel Cell GmbH is on back-to-base, for example, for mobile, marine and stationary solutions applications.

The product portfolio consists of base-fuel cell systems, standard complete systems, as well as customized systems. Proton Motor is a wholly owned subsidiary of Proton Power Systems plc. The company is quoted on the AIM market of the London Stock Exchange since October 2006 (code: PPS).

Pictures and further information are available from the company website: www.proton-motor.de

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