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Paper Title : Concept Study on a Transformerless Medium Voltage Battery Storage System based on MOSFET-H-Bridges

Bio :

Mr. Paul Aspalter works at the Technical University of Vienna as a project research assistant in the research unit of power electronics. He received his bachelor's degree in Electrical Engineering and his master's degree in Energy Engineering and Automation Technology from the Technical University of Vienna.

His current research focuses on his PhD thesis, which investigates Modular Multilevel Battery Electric Storage Systems directly connected to the Medium Voltage grid. He did his latest work during a research visit of the University of Tokyo. Furthermore, he is involved in research on insulation system issues in railway electric drive systems.