CURRICULUM VITÆ

ROBERT MUSORO

"Dr. Robert Musoro has a Ph.D. in Mechanical Engineering from Dresden University of Technology, Germany, and has over two decades of industry experience collaborating in various projects involving Airbus, Boeing, Mercedes, Jaguar Land Rover, Volkswagen, and Audi."

Ph.D. Mechanical Engineering

M.Sc. Mechanical Engineering

1. BIOGRAPHY

Dr. Robert Musoro, with a Ph.D. and a Masters degree in Mechanical Engineering from Dresden University of Technology, Germany, boasts over two decades of automotive industry experience, bringing a wealth of expertise in various domains including the design and development of automatic transmissions, differential gearboxes, limited slip differentials, shock absorbers, air springs, suspensions, electronic parking brake actuators, and more.

Before joining LISKE Accident & Injury Experts, Dr. Musoro served as a product development engineer at GETRAG Magna Powertrain in Germany, focusing on differential gearboxes for the dual-clutch 7DCT300 transmissions. He also contributed significantly to the development of Limited Slip Differentials during his tenure there.

Prior to GETRAG, Dr. Musoro held the position of automotive transmission development engineer at AAM Germany GmbH, where he played a key role in designing and developing spiral gears for Power Transmission Units (PTU) and hypoid gears for front and rear axles. Notable projects included collaborations with Jaguar Land Rover (JLR), VW, and Mercedes.

At ThyssenKrupp Bilstein GmbH, Dr. Musoro worked as a project engineer, specializing in shock absorbers, air springs, and head-bearing housing. His responsibilities included the design, development, and testing of these components, along with kinematic simulations for air suspension struts across various automotive models such as Mercedes C-Class, AUDI R8, and Mercedes S-Class.

During his tenure at Siemens AG Energy, Dr. Musoro contributed to the development of spring-charged drives for the 8DJH circuit breaker technology. His work involved the optimization of kinematics for new circuit breakers and drive systems, alongside the analysis and enhancement of kinematic drive systems.

Earlier in his career, Dr. Musoro served as a design engineer at NORD-MICRO AG & Co., specializing in actuators for Cabin Pressure Control Systems of Boeing and Airbus airplanes. His contributions extended to the design and synthesis of linkage mechanisms for the Outflow Valve (OFV) in Airbus A380 and Boeing 787 airplanes, as well as optimization efforts for the actuator of the Outflow Valve in Boeing B787 airplanes.

Additionally, Dr. Musoro has worked in the design, development, and planning of air conditioning technology for the automotive industry at RDS International LLC in Germany.

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