

Multilevel DC Link Inverter

Disclosure Number

200100906

Technology Summary

An inverter for driving very low inductance permanent magnet motors in vehicles using DC voltage level stepping and pulse width modulation to reduce current ripple.

Inventor

SU, GUI-JIA

Engineering Science & Technology Div

Licensing Contact

SIMS, DAVID L

UT-Battelle, LLC

Oak Ridge National Laboratory

Rm 124C, Bldg 4500N, MS: 6196

1 Bethel Valley Road

Oak Ridge, TN 37831

Office Phone: (865) 241-3808

E-mail: SIMSDL@ORNL.GOV

Note: The technology described above is an early stage opportunity. Licensing rights to this intellectual property may be limited or unavailable. Patent applications directed towards this invention may not have been filed with any patent office.