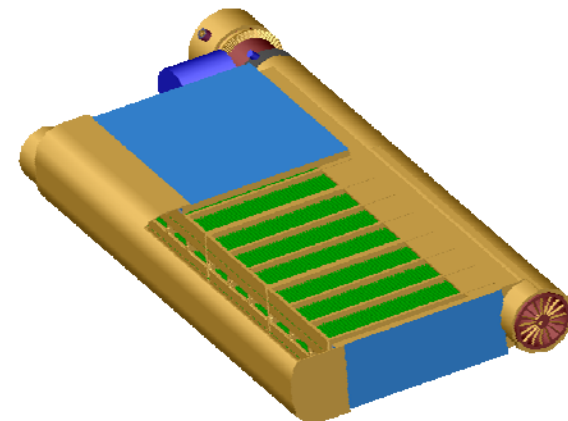
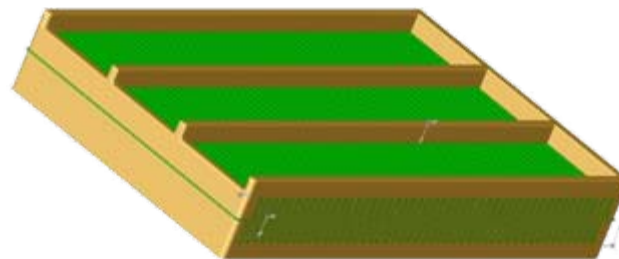
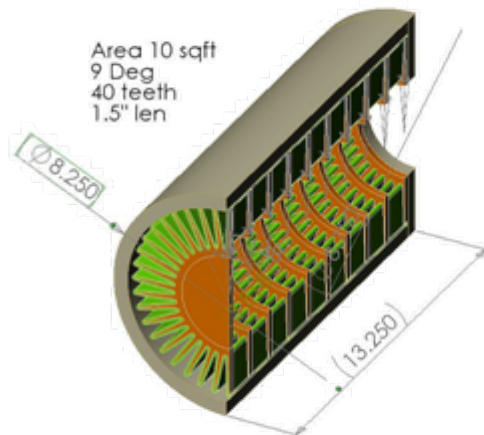


Microwave Regenerated DPF for Auxiliary Power Units and Diesel Hybrid Vehicles

Poster Session Location Number

P-11

Dick Nixdorf
Industrial Ceramic Solutions, LLC
Oak Ridge, Tennessee



Advantages of the Microwave-Regenerated DPF

ADVANTAGES

- Regeneration without diesel fuel or catalyst
- Regeneration in less than 5 minutes
- Regeneration with diesel engine off
- Low energy required for regeneration
- Components less expensive than electric heaters or fuel burners
- 95% + PM efficiency
- Lower backpressure than wall-flow DPF's

