

Enhanced Suppressor Design Technology with Reduced Flash

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Technology Summary

ORNL's suppressor designs properly port the gases within the suppressor such that the shock waves of the expanding gases within the suppressor take significantly longer to exit the system than normal commercial suppressors. This effectively reduces the pressure of the gasses exiting the device in such a manner that is also reduces temperatures of the gases exiting the system. The resulting device therefore does not exhibit a significant flash, as that found with commercial suppressors, as well as reducing sound levels.

Inventor

KLETT, JAMES W

Materials Science and Technology Div

Licensing Contact

DETRANA, ALEXANDER G

UT-Battelle, LLC

Oak Ridge National Laboratory

Rm 139, Bldg 4500N, MS: 6196

1 Bethel Valley Road

Oak Ridge, TN 37831

Office Phone: (865) 576-9682

E-mail: DETRANAAG@ORNL.GOV

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