

For Immediate Release
April 20, 2011
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Breen SO3 Patent Application Published

{Carnegie, PA} Breen Energy Solutions patent application for 'Method and apparatus for detection, measurement and control of sulfur-trioxide and other condensables in flue gas' has been published by the US Patent and Trademark office as Publication No. US 2010/0037678 A1. Detection, control and mitigation of flue gas impurities is critical to the prevention of acid release with flue gas from coal-fired power generation plants.

"Breen is setting the standard in detection of condensables in flue gas," said Cal Lockert, Breen Vice President of Business Development. "our technology along with our experience and expertise in control and mitigation lets us provide our customers with solutions from testing to full turnkey process management."

Breen's patent abstract explains the advantages of real-time detection conducted by the probe rather than traditional extraction and testing methods. Breen has incorporated the probe technology in numerous testing and mitigation projects at power plants around the world.

The patent application for its detection device continues the tradition of Breen innovation in the control of power plant emissions started by the firm's founder, Dr. Bernard Breen.

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Breen Energy Solutions (BES) is a Pennsylvania Limited Liability Corporation providing industry-leading technology and services to help utilities manage their emissions and the Balance-Of-Plant impacts resulting from their emissions control technologies. Over the last six years, BES has commercialized several technologies in the Acid Gas Management field including the AbSensor SO₃/AbS measurement system, the Breen Online Air Heater Model and the Dynamic Speed Controlled (DySC) Air Heater Sootblowing technology. BES has recently launched a new business division supplying Dry Sorbent Injection systems for SO₃ mitigation using Lime, Trona and other dry Sorbents as well as a wet sorbent injection business for the injection of Magnesium Oxide for slag control and SO₃ mitigation. For more information, visit www.breenes.com