



## Mixed Oxygen And Organic Compound Treatment For Functionalizing Oxygen Onto The Surface Of Boron Nitride

[View U.S. Patent No. 10,501,322 in PDF format.](#)

**WARF: P170076US02**

Inventors: Ive Hermans, Joseph Grant, Juan Venegas, Samuel Burt, Philipp Mueller, Somphonh Phivilay

### The Invention

Improved methods of synthesizing oxygen-functionalized boron nitride (O–BN) are disclosed. In the disclosed methods, boron nitride (BN) in any form is contacted with a gaseous composition or compositions that include oxygen and an organic compound, such as, but not limited to, a hydrocarbon.

### Additional Information

#### For More Information About the Inventors

- [Ive Hermans](#)

#### Tech Fields

- [Materials & Chemicals : Synthesis](#)

For current licensing status, please contact Jennifer Gottwald at [jennifer@warf.org](mailto:jennifer@warf.org) or 608-960-9854