

Abstract

The present invention is to provide a method for producing nanodiamonds doped with a Group 14 element, the method comprising: detonating by exploding an explosive composition containing at least one explosive and at least one Group 14 element compound in a sealed container to obtain nanodiamonds doped with at least one Group 14 element selected from the group consisting of Si, Ge, Sn, and Pb, and removing the Group 14 element and/or oxide thereof by subjecting the nanodiamonds doped with a Group 14 element to an alkali treatment.

[Figure 1(b)]