

Abstract

METHOD FOR PURIFYING 1,3-BUTADIENE

It is an object of the present invention to provide a method for purifying 1,3-butadiene which can effectively remove an organic compound detrimental to anionic polymerization from 1,3-butadiene containing a polymerization inhibitor and suppress the formation of popcorn. The method includes: a water-washing step of washing 1,3-butadiene by using low-oxygen water having an oxygen concentration of less than 2 mg/L as wash water; and a polymerization inhibitor removing step of subsequently removing the polymerization inhibitor in 1,3-butadiene.

Figure 1