

A process for the preparation of alternative fuel from polymer organic waste of spent automobile tires comprises loading original raw material into pyrolysis chamber, thermal decomposition of original raw material, obtaining incombustible residue, and vapor and gas mixture, rectification of vapor and gas mixture, isolation of gas mixture and liquid fuel, purification of gas mixture from injurious admixtures, cooling the incombustible residue in the environment, unloading from pyrolysis chamber, impact on the incombustible residue with cooling agent, separation of the incombustible residue, isolation of metal and non metal inclusions, breaking and classification on non metallic inclusions into fractions.