3. The method of claim 1, **characterized in that** the calcination is carried out in the presence of air, and a calcination temperature of the solid residues is between 500 and 800°C.

4. The method of claim 1, **characterized in that** before the pyrolysis of the biomass of claim 1 or before the step A of claim 2, the method further comprises washing with water the biomass for removal of impurities.