

a 2009 0069

The invention relates to processes for removal of organic dyes from sewage waters, particularly a process for sewage water purification from methylene blue.

The process includes the catalytic oxidation by oxygen barbotage in the water at a temperature of 30...50°C and a gas pressure of 2 atm during 2 hours, where as catalyst is used activated coal obtained from nutshell, with a content of basic functional groups with a concentration of 0.555 mg/equiv./g and the transition pores surface of 410 m²/g.

Claims: 1