

a 2003 0176

The invention relates to processes for underground water purification from sulphureted hydrogen and/or sulphides and may be used in the underground water treatment process or in the autonomous water treatment filters.

It is proposed a process for water purification from sulphureted hydrogen and/or sulphides by aeration thereof in the presence of oxidized activated coal, during 30...90 min, with an air consumption of 10...15 L/hour to 1 g of oxidized activated coal, with a mass ratio activated coal: water of 1:(350... 450) and the water pH of 7,5...8,5.

The result of the invention consists in that the sulphidic ions are prevalently oxidized up to the compounds with high degree of oxidation.

Claims: 1