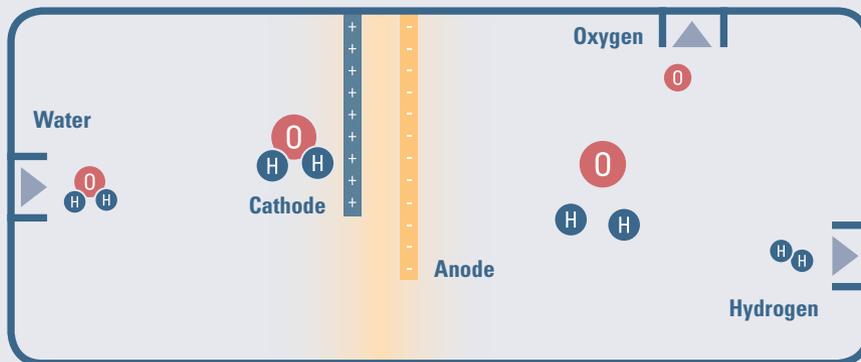


Electrolysis

The electrolysis of water consists of two partial reactions, which take place at the two electrodes (cathode and anode chambers).



The overall reaction scheme of this redox reaction is:



In this process an alkaline electrolysis is used. KOH is added to raise the conductivity of hydrogen, which improves the efficiency factor.