

CLEANING OF OLEAGINOUS WATER III

Abstract

Present invention includes a method and an apparatus for separation of hydrocarbons from hydrocarbon containing produced water, which in step 1, the hydrocarbon containing produced water is supplied a gaseous component, after which a gas and hydrocarbon containing produced water mixture is supplied to an inlet (22, 27) in the center of a tank, after which the said mixture is distributed tangential by at least one nozzle (7) and at least one baffle plate (8.1). The separated hydrocarbons are then directed to at least one outlet from the tank and treated water to an other outlet (12) of the tank.

Fig. 1