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ABSTRACT

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CRUDE OIL DESALTING METHOD

The invention is directed towards a method for removing a brine of salt and water from a crude oil. In the preferred embodiment of the invention, the method comprising mixing the crude oil under opposed-flow conditions at a preferred temperature, for a preferred time and at preferred viscosity to coalesce the brine into droplets. The brine droplets are then separated from the crude oil under electrostatic desalting conditions.