

Title (en)

METHOD AND APPARATUS FOR THE REMOVAL OF VOLATILE ELEMENTS FROM PROCESS FLUIDS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ENTFERNEN VON FLÜCHTIGEN ELEMENTEN AUS PROZESSFLUIDEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR L'ÉLIMINATION D'ÉLÉMENTS VOLATILES DANS DES FLUIDES DE TRAVAIL

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Application

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Abstract (en)

[origin: WO2008062218A2] An apparatus for the removal of volatile elements from a process fluid is provided. The apparatus comprises at least one steam injector (30) adapted to inject steam into the process fluid and a stripping container (48) adapted to receive process fluid from the steam injector (30). A check valve (50) is located downstream of the stripping container (48) to maintain a predetermined pressure in the stripping container (48). A storage vessel (10) is provided downstream of the stripping container (48) and check valve (50) where the volatile elements separated from the fluid are drawn off. A method of removing the volatile elements from the process fluid is also provided. The apparatus and method of the present invention atomise the process fluid before drawing off the volatile elements, thereby improving the efficiency of the volatile removal process in a number of areas.

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