

Title (en)  
DEVICE AND METHOD FOR SEPARATION OF LIQUID HAZARDOUS WASTE

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR ABTRENNUNG VON GEFÄHRLICHEN FLÜSSIGEN ABFÄLLEN

Title (fr)  
DISPOSITIF ET PROCEDE DE SEPARATION DE RESIDUS LIQUIDES DANGEREUX

Publication  
**EP 1239934 A1 20020918 (EN)**

Application  
**EP 00975018 A 20001110**

Priority  
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Abstract (en)  
[origin: WO0134266A1] A method, of separating oil, water and solids from oily feeds in the form of emulsions and muds is described, in which the feed has first been conditioned through pH regulation in a known manner in order to destabilise it, where the feed is first heated by being passed through an externally heated pipe. The heated feed is then led into a vacuum tank partially filled with feed that is undergoing final treatment in the form of settling, where there is a vapour pocket at the top of the tank, and where the pressure in the vacuum tank is lower than atmospheric pressure. Vapourised liquid is extracted from the vapour pocket, liquefied and treated further, while solids are allowed to settle before being removed from the bottom of the vacuum tank for further treatment, and liquid is extracted from the liquid phase for further treatment. A device for implementing the method is also described.

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