

Title (en)
DEVICE FOR THE SUCTION FILTRATION OF FLUIDS

Title (de)
EINRICHTUNG ZUR SAUGFILTRATION VON FLUIDEN

Title (fr)
SYSTÈME DE FILTRATION DE FLUIDES PAR ASPIRATION

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Application
EP 13744966 A 20130725

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Abstract (en)
[origin: WO2014032752A1] The invention relates to a device for the suction filtration of fluids, such as urea solutions for exhaust gas after-treatment systems, comprising a tank (2) storing the fluid, and a filter element (34) arranged therein provided with a filter medium (32), which separates the tank contents from a clean-side inner filter cavity (20) and extends from the bottom area (10) of the tank (2) to a filling level height (28), which corresponds to a part of the filling volume of the tank (2). On the filter cavity (20), a suction connection (22) is provided, via which the cleaned fluid can be discharged by way of a suction pressure corresponding to a system operating pressure. The invention is characterized in that the filter element (34) is provided with a filter medium (32), which is air-impermeable if suction pressures are within the range of a low system operating pressure.

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