

Title (en)
SYSTEM FOR PURIFYING GAS

Title (de)
SYSTEM ZUR GASREINIGUNG

Title (fr)
SYSTÈME D'ÉPURATION DE GAZ

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Abstract (en)
[origin: CA2765451A1] The invention relates to a system for purifying gas, comprising at least one housing (2) comprising a first chamber (6) into which the gas to be purified can flow, and a second chamber (10) forming a filter chamber, out of which the purified gas exits and comprising a filter device through which the gas can flow having filter media (54) both for separating out solid particles and for dehumidifying the gas for precipitating coalesced fluid, the first chamber (6) comprising a cyclone (60) for pre-dehumidifying the gas, from which dirt particles and fluids can be discharged into a third chamber (14) of the housing (2), characterized in that the housing (2) is composed of an upper housing part (8) comprising the second chamber (10) forming the filter chamber, a middle housing part (4) comprising a first chamber (6) having the cyclone (60), and a lower housing part (12) forming the third chamber (14), that can be clamped together by means of at least one tensioning bolt (32), forming a closed pressure vessel.

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