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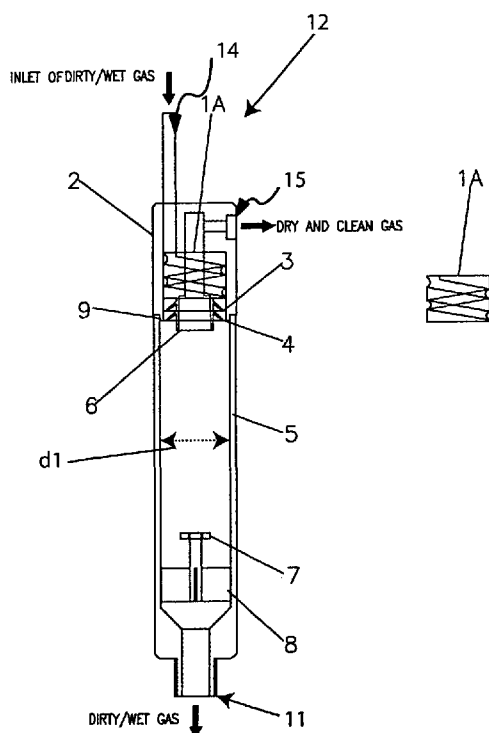
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(54) Title: CENTRIFUGAL CYCLONE SEPARATOR



(57) **Abstract:** At least one embodiment of the invention relates to a centrifugal/ cyclone separator which separates particles, liquid droplets and or condensing mists (water based and or hydrocarbon based nature) from gases without using a filter element. The design relies on the use of the inlet spiral tube, a first conical fin and the second conical fin, and the step on the cylindrical body and the extension of the vortex finder below second conical fin. With another embodiment, the design differs in that it relies on the insert with threaded or open area forming a flow path like spiral tube, while relying on the same or similar components as with the first embodiment listed above.



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