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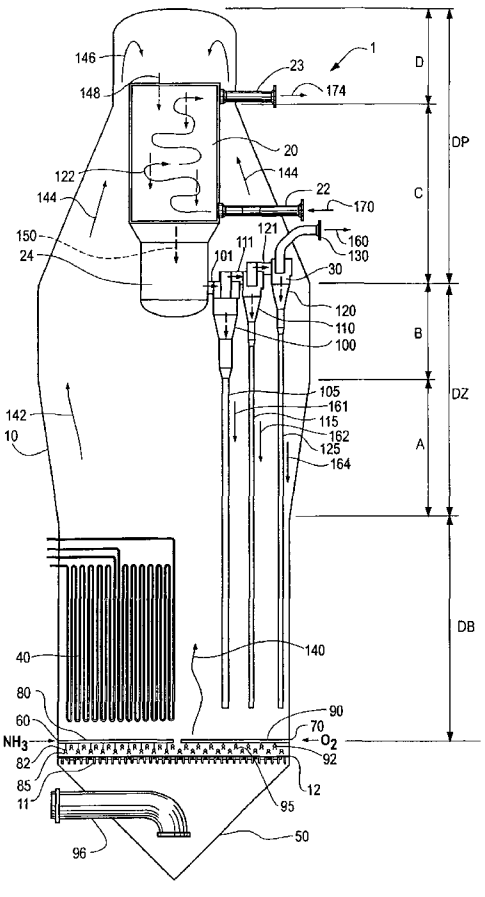
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(54) Title: FLUIDIZED BED REACTOR WITH GAS COOLER



(57) Abstract: A new reactor apparatus that can be used to carry out chemical reactions in a fluidized catalyst bed at high temperatures with reduced afterburning or other undesirable downstream side reactions. One application is the manufacture of acrylonitrile.

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