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(54) Title: IMPROVED ABATEMENT APPARATUS HEAD UNITS

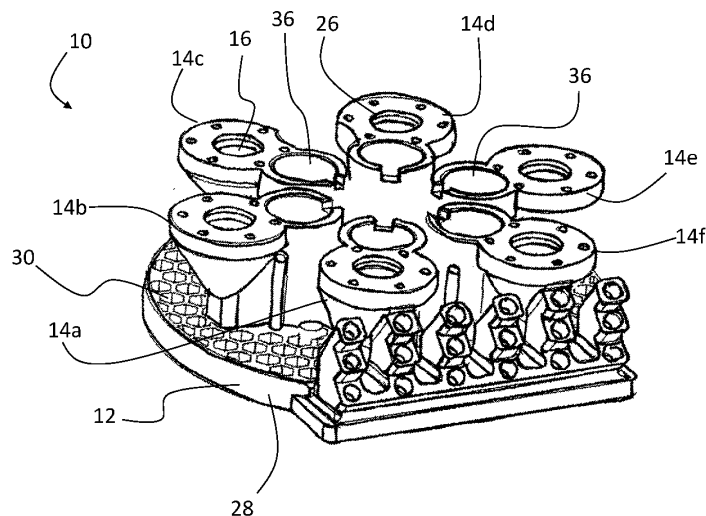


FIG. 1

(57) Abstract: The present invention provides a head unit for arrangement at an inlet of a combustion chamber of an abatement apparatus, the head unit comprising: a head plate configured to cap a combustion chamber; an effluent flow conduit having an effluent flow contact surface for conveying an effluent flow towards a combustion chamber of an abatement apparatus; and an inject flow conduit having an inject flow contact surface for conveying an inject fluid towards the effluent flow; wherein the effluent flow contact surface and/or the inject flow contact surface is defined, preferably substantially entirely defined, by the head plate.

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