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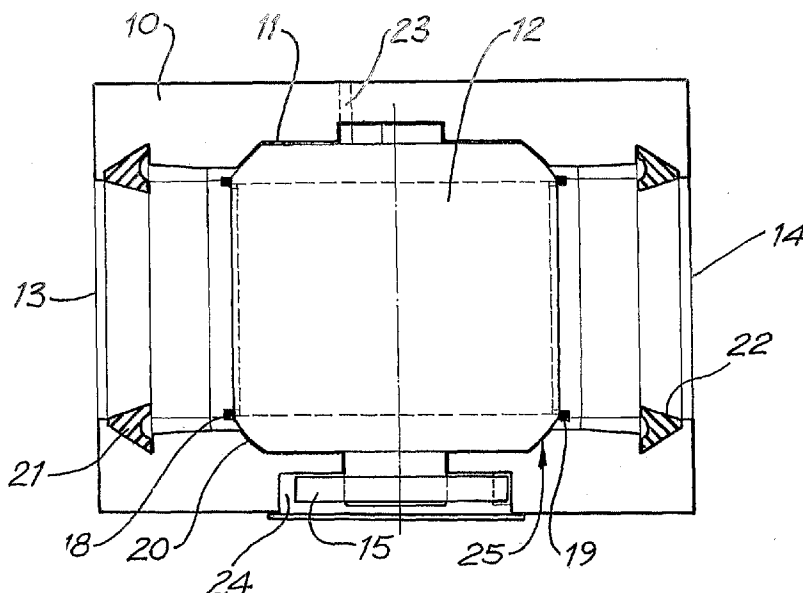
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(54) Title: **DAMPER WITH ROTARY VALVE**



(57) **Abstract:** A fire damper for sealing a conduit which extends through a concrete slab to prevent fire and toxic gases from passing from one side of the slab to the other, comprises a housing (10) which has a partially spherical rotatable valve (11). The rotatable valve (11) has an internal passageway (12) of substantially the same diameter as an internal diameter of the conduit. The rotatable valve (11) is rotatable within the housing (10) between an open orientation whereby fluid flow through the damper is substantially unimpeded and a closed orientation. The rotatable valve (11) is actuated by a heat detector in the form of two rings (18, 19) of lead alloy located between the housing (10) and the rotatable valve (11). The damper (81) may also include a deformable seal (85) disposed between the housing (82) and the rotatable valve (83).

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