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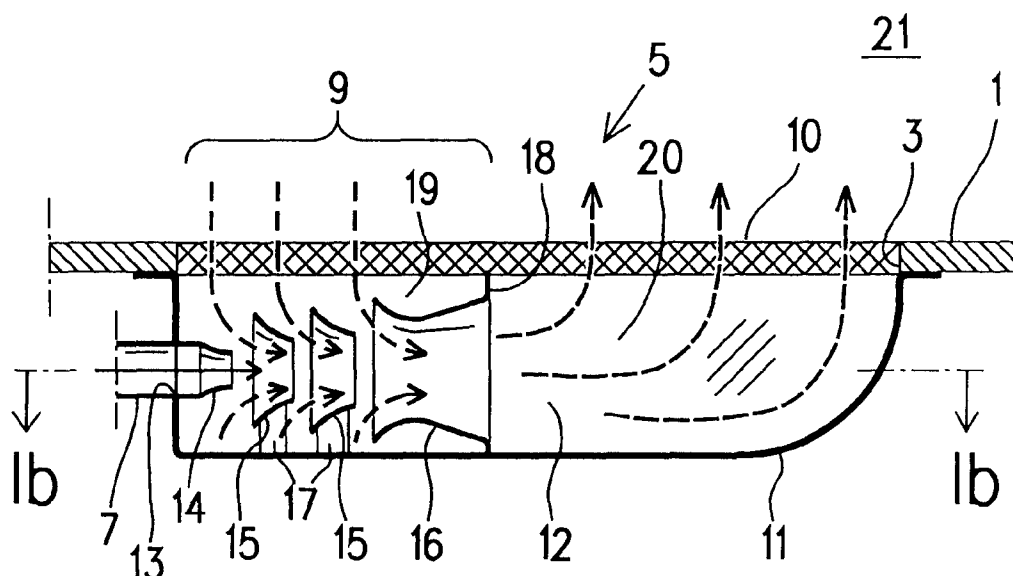
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(54) Title: DEVICE FOR REDUCING THE SIGNATURE OF HOT EXHAUSTING GASES



(57) Abstract: The invention relates to a device for exhausting hot gases with a reduced signature, for instance exhaust gases from an exhaust (7, 8) of a tank. The device is of the type comprising a means for mixing (9, 33) of the hot gases with fresh air from the exterior of the tank. To prevent the exhaust from, for instance, reflecting radar radiation and emit IR radiation, the device is provided with a protecting means (10, 34) which is positioned outside at least parts of said means. The device may comprise a space (12, 32) which accommodates preferably the entire means for mixing. The space is defined on the one hand by a shell (11, 31) towards the other spaces of the tank and, on the other hand, by the protecting means towards the exterior. The protecting means has openings (23, 25) for passing preferably a gas mixture from the means to the exterior and fresh air from the exterior to said means. The device can be mounted in the tank (1, 2) with a suitably plane outer surface of the protecting means flush with the plane outside of the tank.



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