

Title (en)
A SILENCER

Title (de)
SCHALLDÄMPFER

Title (fr)
SILENCIEUX

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Application
EP 94906136 A 19940131

Priority
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Abstract (en)
[origin: WO9418438A1] A silencer, preferably for exhaust gases from internal combustion engines, consisting of a container having a shell (1) formed essentially as a cylinder face, and two end bottoms (2, 3) as well as at least one admission pipe (4) and one discharge pipe (5) for exhaust gas, wherein the flow prior to entering the internal volume of the container is converted to a slot flow between an outer plate (6) and an inner plate (8), said plates being so shaped at their periphery as to form an exhaust gas discharge opening (14), which is positioned radially substantially symmetrically around the pressure node of a transverse oscillation in the container, said plates (6, 8) having a contour direction at the discharge opening (14) which is substantially perpendicular to the radial direction. Improved damping of transverse oscillations in the chamber of the silencer is hereby obtained by simple means.

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Cited by
WO9814693A1; EP1403476A3; US6220021B1; US6520286B1; WO9950539A2; WO9950539A3; EP1050670A2; US6332510B1

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