CLAIMS

1. An exhaust gas purifying device (2) comprising a purifying unit (12) having a casing (13) and a first exhaust gas passage (5) arranged inside the casing (13), wherein the first exhaust gas passage (5) comprises one or more exhaust gas purifying elements (9, 10), ~~characterized in that~~ a second exhaust gas passage (6) is arranged as an integrated part of the purifying unit (12) within a cavity (21) thereof, and wherein a passage joining part (7) is arranged as an integrated part of the purifying unit (12), in which passage joining part (7) the first and second exhaust gas passages (5, 6) are merged in a common passage for providing a common exhaust gas outlet (8) of the purifying device (2), wherein said second exhaust gas passage (6) is arranged within the cavity (21) that is at least partly formed by the casing (13), characterized in that the cavity (21) is separated from the first exhaust gas passage (5) by a partitioning member (25) and formed as a recess of an externally limiting surface of the purifying unit (12), said second exhaust gas passage (6) being provided inside a separate gas line (24) that is arranged within the cavity (21), wherein the first and second exhaust gas passages (5, 6) each has a gas inlet (18, 22) arranged at a first end portion (19) of the purifying unit (12) and wherein each exhaust gas passage (5, 6) extends from the gas inlet (18, 22) towards the passage joining part (7) close to a second end portion (20) of the purifying unit (12), said each gas inlet (18, 22) being arranged for connection to respective first and second gas outlet (28, 29) of a flow passage switching device (3) having a gas inlet (27) for connection to a combustion engine (1) via an exhaust gas line (4), the flow passage switching device (3) further comprising flow passage switching means (30, 31, 32, 33, 34, 35, 36, 37) for opening and closing of the first and second gas outlets (28, 29) such that the first gas outlet (28) is open when the second gas outlet (29) is closed or the second gas outlet (29) is open when the first gas outlet (28) is closed.

~~2. The exhaust gas purifying device according to claim 1, wherein the second exhaust gas passage (6) is arranged within a cavity (21) that is at least partly formed by the casing (13), the cavity (21) being separated from the first exhaust gas passage (5) by a partitioning member (25).~~

~~3. The exhaust gas purifying device according to claim 2, wherein the cavity (21) is formed as a recess of an externally limiting surface of the purifying unit (12) or as passage arranged inside the casing (13).~~

4.2. The exhaust gas purifying device according to claim ~~3~~1, wherein the cavity (21) is formed along a longitudinal edge portion of the casing (13) between two adjacent walls (15, 16) of the casing (13) and wherein the partitioning member (25) is arranged along the edge portion and separates the cavity (21) from the first exhaust gas passage (5).

5.3. The exhaust gas purifying device according to ~~any one of the preceding~~ claim 1 or 2~~s~~, wherein the passage joining part (7) is arranged inside the casing (13).

~~6. The exhaust gas purifying device according to any one the preceding claims, wherein the second exhaust gas passage (6) is provided inside a separate gas line (24) that is arranged within the cavity (21).~~

~~7.~~4. The exhaust gas purifying device according to any one the preceding claims~~according to claim 6~~, wherein the gas line (24) is tubular.

~~8.~~5. The exhaust gas purifying device according to according to any one the preceding claims~~claim 6 or 7~~, wherein the gas line is moveably attached to the purifying unit (12) inside the cavity (21).

~~9. The exhaust gas purifying device according to any one of the preceding claims, wherein the first and second exhaust gas passages (5, 6) each has a gas inlet (18, 22) arranged at a first end portion (19) of the purifying unit (12) and wherein each exhaust gas passage (5, 6) extends from the gas inlet (18, 22) towards the passage joining part (7) close to a second end portion (20) of the purifying unit (12).~~

~~10.~~6. The exhaust gas purifying device according according to any one the preceding claims~~to claim 9~~, wherein each exhaust gas passage (5, 6) longitudinally extends substantially in the same direction as a longitudinal line (L) from the gas inlet (18, 22) towards the passage joining part (7).

~~11.~~7. The exhaust gas purifying device according to any one of the preceding claims, wherein at least a portion of a side wall (17) that has a surface facing the first exhaust gas passage (5) ~~may be~~is provided with a hatch (26) that is openable for service and inspection of the first exhaust gas passage (5) and the purifying elements (9, 10) therein.

~~12.~~8. The exhaust gas purifying device according to any one of the preceding claims, wherein the second exhaust gas passage (6) does not contain any purifying element (9, 10).

~~13.~~9. The exhaust gas purifying device according to any one of the preceding claims, wherein a sound absorber is arranged inside the casing (13) as part of or in connection to the passage joining part (7).

~~14.~~10. An exhaust gas purifying system comprising an exhaust gas purifying device (2) according to any one of claims 1 to ~~13~~9, wherein the system comprises a flow passage switching device (3) having a gas inlet (27) for connection to a combustion engine (1) via an exhaust gas line (4), the flow passage switching device (3) further comprising a first gas outlet (28) for connection to an inlet (18) of the first exhaust gas passage (5), a second gas outlet (29) for connection to an inlet (22) of the second exhaust gas passage (6) and flow passage switching means (30, 31, 32, 33, 34, 35, 36, 37) for opening and closing of the first and second gas outlets (28, 29) such that the first gas outlet (28) is open when the second gas outlet (29) is closed or the second gas outlet (29) is open when the first gas outlet (28) is closed.

~~15.~~11. The exhaust gas purifying system according to claim ~~14~~10, wherein the system further comprises a control unit for automatic or manual regulation of the exhaust gas purifying system.

~~16.~~12. The exhaust gas purifying system according to claim ~~15~~11, wherein the system is arranged so that:

- when the control unit determines that the exhaust purifying system is within an emission control area based on a signal for determining whether or not the system is within the emission control area, the flow passage switching means

(30, 31, 32, 33, 34, 35, 36, 37) is driven so that the first gas outlet (28) is opened and the second gas outlet (29) is closed and

- when the control unit determines that the exhaust purifying system is not within an emission control area, the flow passage switching means (30, 31, 32, 33, 34, 35, 36, 37) is driven so that the first gas outlet (28) is closed and the second gas outlet (29) is opened.