

Title (en)

FISHBONE STANDARDISED SILENCERS FOR (INTERNAL)COMBUSTION ENGINES

Title (de)

STANDARDISIERTE FISCHGRÄTSCHALLDÄMPFER FÜR BRENNKRAFTMASCHINEN

Title (fr)

SILENCIEUX STANDARDISE DU TYPE ARETE DE POISSON POUR MOTEUR A COMBUSTION INTERNE

Publication

**EP 0708880 A1 19960501 (EN)**

Application

**EP 95933221 A 19921002**

Priority

EP 9202290 W 19921002

Abstract (en)

[origin: WO9319287A1] This patent application is for a new silencer design with the following features: free (exhaust) gas flow through, which means close to zero back pressure, or head loss; superior acoustic performance, especially in the high- and mid frequency ranges; increased engine net performance and efficiency; identical accoustical performance throughout its service life; simple, light, modular configuration, prone to: cheap industrial automatic production; reusing (cartridge type), and/or recycling, thus avoiding pollutant waste; standardising and uniformising of silencers throughout the (automotive) industry; constructed from the suitable material, can provide a really unlimited lifetime. Although this design is particularly suitable for (internal) combustion engine exhaust and induction mufflers, it can be applied advantageously to other silencers in- and outside the industry and, in general, our living environment (gas flow duct silencers, airco-, venting-, etc...).

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IPC 8 full level

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