

Title (en)
EXHAUST SILENCER

Title (de)
SCHALLDÄMPFER

Title (fr)
SILENCIEUX D'ECHAPPEMENT

Publication
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Application
EP 05794344 A 20050902

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US 2005031408 W 20050902

Abstract (en)
[origin: WO2007030099A1] The present invention lowers the noise output from an engine while increasing performance. The present invention's shape allows the bores (20) to push exhaust backwards, away from a motorized device without combining the air streams. The rifling (30) of the bores (20) creates a vortex of each exhaust stream, further lowering the decibels and increasing engine performance.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [XY] DE 3237417 A1 19840412 - LEVAY LASZLO
- [XY] GB 656552 A 19510829 - GUSTAVE PLASSE
- [XY] GB 191226560 A 19131119 - ATKINSON CLAUDE CHARLES
- [XY] US 4354573 A 19821019 - TABATA KAZUKI, et al
- [XY] GB 428257 A 19350509 - EINAR OLOF EUGEN TYDEN
- [Y] CN 2240616 Y 19961120 - ZENG ZHICHENG [CN]
- See references of WO 2007030099A1

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