

Title (en)

ICING RESISTANT REDUCED NOISE AIR MOTOR EXHAUST

Title (de)

VEREISUNGSRESISTENTE LUFTMOTORABGASLEITUNG MIT GERÄUSCHUNTERDRÜCKUNG

Title (fr)

ÉCHAPPEMENT DE MOTEUR À AIR COMPRIMÉ À NIVEAU DE BRUIT RÉDUIT RÉSISTANT AU GIVRAGE

Publication

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Application

EP 07840510 A 20070725

Priority

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Abstract (en)

[origin: WO2008014322A2] The induction exhaust has an exhaust manifold 16 and a muffler 22. In the instant invention, warm ambient air is drawn into the muffler 22. Heat from this external source is conducted through the finned manifold 16 to melt ice that can form inside the manifold 16 during the exhaust cycle. The exhaust manifold 16 bolts to the side of the air motor air valve 14 and serves to direct, muffle and diffuse the air motor exhaust using a deflection plate, a diffraction plate and an expansion chamber is provided in the manifold to direct the exhaust out of the air valve and down the center of the muffler 22.

IPC 8 full level

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