

Title (en)

Air ducting shroud for cooling an air compressor pump and motor

Title (de)

Luftleitungsummantelung zum Kühlen einer Luftkompressorpumpe und Motor

Title (fr)

Carénage de refroidissement d'une pompe à compression d'air et moteur

Publication

EP 2706234 A1 20140312 (EN)

Application

EP 13183932 A 20130911

Priority

- US 201213609331 A 20120911
- US 201213609343 A 20120911

Abstract (en)

A compressor assembly having a sound reduction shroud and a sound level of 75 dBA or less when in a compressing state. The sound reduction shroud can be a cylinder head shroud, a pump cylinder shroud, or a pump assembly shroud. The sound reduction shroud can optionally cover one or more of a compressor pump assembly, a cylinder head and a compressed gas outlet line. A compressor assembly having a sound reduction conduit and a sound level of 75 dBA or less when in a compressing state. The sound reduction conduit provides a cooling air channel directing cooling air to cool one or more portions of the compressor assembly and can direct exhaust cooling air to an exhaust port. A method for compressing a gas at a sound level of 75 dBA or less when the compressor is in a compressing state using a sound reduction shroud or a sound reduction conduit.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [I] US 1381056 A 19210607 - MATHEW BLAKELY RICHARD
- [I] JP 2003065241 A 20030305 - PILOT INK CO LTD
- [A] EP 2320085 A2 20110511 - TECHTRONIC POWER TOOLS TECH [VG]
- [A] WO 2008021251 A2 20080221 - EXNER MARK [US], et al

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Designated contracting state (EPC)

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