

Title (en)
Compressor intake muffler and filter

Title (de)
Kompressoreinlassdämpfer und -filter

Title (fr)
Silencieux et filtre d'admission de compresseur

Publication
EP 2706233 B1 20210331 (EN)

Application
EP 13184002 A 20130911

Priority
US 201213609363 A 20120911

Abstract (en)
[origin: EP2706233A1] A compressor assembly having a high velocity muffler system which produces a particle-free compressor pump feed while reducing noise output from the compressor assembly during compressing operations. The high velocity muffler system is maintenance-free and comprises an inertia filter. The compressor assembly uses a method for producing a compressor pump feed and reducing noise during compressing operations by processing a gas through the high velocity muffler system which has an inertia filter and a muffler chamber to produce a compressor pump feed which can be compressed by a pump assembly.

IPC 8 full level
F04B 35/06 (2006.01); **F04B 39/00** (2006.01); **F04B 39/12** (2006.01); **F04B 41/02** (2006.01)

CPC (source: EP)
F04B 35/06 (2013.01); **F04B 39/0027** (2013.01); **F04B 39/0061** (2013.01); **F04B 39/121** (2013.01); **F04B 41/02** (2013.01)

Citation (examination)
CN 101940859 A 20110112 - HANIL NOISE & VIBRATION CO LTD

Cited by
US11204022B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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