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REDUCTION OF THE COMPRESSOR INLET INFRASOUND EMISSION

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Abstract:

The great dampers dimensions and strong interaction between dampers and compressors are the main problems of the low frequency pressure pulsation attenuation. The paper reviews a number of different compressor inlet damping systems and their influence on the compressor volumetric efficiency. Various types of dampers are considered and damping efficiency in the low frequency zone compared. Some results of computational and experimental investigation are presented.

Paper Arrived After Completion of Editing

See Appendix B, page 426