

Title (en)

AN ADJUSTABLE RESONATOR ASSEMBLY AND A METHOD FOR REDUCING ACOUSTIC EMISSIONS IN A GAS FLOW SYSTEM

Title (de)

VERSTELLBARE RESONATORANORDNUNG UND VERFAHREN ZUR REDUZIERUNG VON GERÄUSCHEMISSIONEN IN EINEM GASLEITUNGSSYSTEM

Title (fr)

ENSEMBLE RÉSONATEUR RÉGLABLE ET PROCÉDÉ POUR RÉDUIRE DES ÉMISSIONS ACOUSTIQUES DANS UN SYSTÈME D'ÉCOULEMENT DE GAZ

Publication

EP 3156664 B1 20200916 (EN)

Application

EP 15306615 A 20151013

Priority

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Abstract (en)

[origin: EP3156664A1] An adjustable resonator assembly, comprising a resonator cavity having a neck area with a neck opening configurable to be in fluid communication with a conduit through which a gaseous material can flow, a resonator adjustment structure configured to move from a first position in which the structure closes the neck area when flow of the gaseous material is absent to a second position in which the structure opens the neck area by a predetermined degree in presence of a flow of the gaseous material and a bias mechanism configured to exert a force onto the resonator adjustment structure so as to move the resonator adjustment structure to the first position.

IPC 8 full level

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CPC (source: EP US)

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