

Title (en)

Sound-damped combustion system, and damper for such a system

Title (de)

Schallgedämpfte Verbrennungsanlage und Dämpfer für eine solche Anlage

Title (fr)

Système de combustion insonorisée et amortisseur pour un tel système

Publication

EP 0723123 B1 20000405 (EN)

Application

EP 96200151 A 19960122

Priority

NL 9500116 A 19950123

Abstract (en)

[origin: EP0723123A1] In a combustion system a predetermined part of a wall of the system, a wall of the air inlet duct of the system and/or a wall (6; 24) of the flue gas duct of the system is flexible. The remaining part of the wall is made of a rigid material. The outside of the flexible wall part (6; 24) is covered with a container (8; 26) of a rigid material whose edges connect to the rigid part of the wall. The volume bounded by the flexible wall part (6; 24) and the container (8; 26) is in communication with the environment of the combustion system by way of an open pipe (14; 28) with a predetermined diameter and length. Several containers (8a, 8b, 8x; 8aa, 8bb) can be connected in series. <IMAGE>

IPC 1-7

F24H 9/00; F23M 13/00

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1213538A3; EP1624251A1; EP1233236A1; DE102004056898A1; EP1624250A1; DE102005004079B4; DE19612987A1; FR2976619A1; US6705428B2; EP1662200A1; US8272475B2; WO2008116870A1

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