Title (en)

Side branch resonator

Title (de)

Nebenschluss-Resonator

Title (fr)

Résonateur branché en dérivation

Publication

EP 0649982 B1 19961204 (DE)

Application

EP 94114289 A 19940907

Priority

DE 4336112 A 19931022

Abstract (en)

[origin: EP0649982A1] In order in the case of side branch resonator to achieve good damping (attenuation) of the suction noise cost effectively in a wide frequency range, the natural frequency of the resonator is adapted (matched) to the respective excitation frequency by automatically changing the geometry of its vibrating space (treadmill). For this purpose, the resonator is preferably designed as a bellows (4) having a defined spring characteristic. <IMAGE>

IPC 1-7

F02M 35/12; G10K 11/16

IPC 8 full level

F02M 35/12 (2006.01); **G10K 11/16** (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP)

F02M 35/1222 (2013.01); **F02M 35/1255** (2013.01); **G10K 11/172** (2013.01)

Cited by

DE19641715A1; EP1120774A3; EP3324033A1; EP1158247A3; CN102472264A; FR2840652A1; US6494290B1; GB2357141A; EP3056723A1; CN105863906A; US6634457B2; US10364779B2; US9790937B2; WO0248998A1; WO9917012A1; US10302052B2; US10738744B2; EP2462347A1

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DE ES FR IT

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