Title (en)

RESONATOR SILENCER FOR A RADIAL FLOW MACHINE, IN PARTICULAR FOR A RADIAL COMPRESSOR

Title (de)

RESONATORSCHALLDÄMPFER FÜR EINE RADIALE STRÖMUNGSMASCHINE, INSBESONDERE FÜR EINEN RADIALVERDICHTER

Title (fr)

SILENCIEUX À RÉSONATEUR POUR UNE TURBOMACHINE RADIALE, EN PARTICULIER POUR UN COMPRESSEUR RADIAL

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Application

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Priority

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Abstract (en)

[origin: WO2012116880A1] The invention relates to a volute (20) for a radial turbomachine, such as a radial compressor (100) or a radial turbine, in particular for a radial compressor (100) of this type. Said volute (20) has a substantially annular cavity (30) which is delimited at least by a first radial side surface (21, 23). According to the invention, at least one substantially annularly circumferential groove (50) is formed in said side surface (21, 23).

IPC 8 full level

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