

Title (en)

VANE FOR RADIAL OR MIXED-FLOW COMPRESSOR

Title (de)

SCHAUFEL FÜR RADIALVERDICHTER BZW. HALBAXIALEN VERDICHTER

Title (fr)

AILETTE POUR DIFFUSEUR D'UN COMPRESSEUR RADIAL OU MIXTE

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Application

EP 14718669 A 20140325

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Abstract (en)

[origin: WO2014154997A1] The invention relates to a vane (10) of a diffuser (5) for a radial or mixed-flow compressor (2) of an engine (1), including a leading edge (11) arranged facing a flow of gas, a trailing edge (12) being opposite the leading edge (11), a side upper surface wall (13) and a side lower surface wall (14) which connect the leading edge (11) to the trailing edge (12), and a profile including a curved line (15) having at least two points of inflection (I1, I2) between the leading edge (11) and the trailing edge (12). The invention also relates to a corresponding radial diffuser (2).

IPC 8 full level

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