

Title (en)
Compressor in particular for turbocharger

Title (de)
Abgasturbolader mit einem Radialverdichter

Title (fr)
Turbocompresseur avec un compresseur radial

Publication
EP 1873402 A1 20080102 (EN)

Application
EP 06013164 A 20060626

Priority
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Abstract (en)
A compressor comprising an impeller (1) and diffuser (3) with a number of diffuser vanes (13) wherein the diffuser is located downstream of the impeller (1) in a flow direction (F) of a fluid compressed by the compressor is provided. Each diffuser vane (13) has a leading edge (21) which faces the flow direction (F) and which includes a cut back region (19). The cut back region is locally inclined to the flow direction (F) by an angle \pm of not more than 65 degrees.

IPC 8 full level
F04D 29/44 (2006.01)

CPC (source: EP)
F04D 29/44 (2013.01); **F05D 2240/121** (2013.01); **F05D 2250/52** (2013.01)

Citation (search report)

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Designated extension state (EPC)
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