

Title (en)
RADIAL COMPRESSOR DIFFUSER

Title (de)
RADIALVERDICHTERDIFFUSOR

Title (fr)
DIFFUSEUR DE COMPRESSEUR RADIAL

Publication
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Application
EP 10760303 A 20100923

Priority
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Abstract (en)
[origin: WO2011036206A1] The invention relates to a radial compressor diffuser for a radial compressor stage (1), comprising a flow channel (7) which extends radially outwards and which has a cylindrical inlet cross-section (9) on a first radius (10) which extends radially inwards and a cylindrical outlet cross-section (11) which extends radially outwards. A radial diffuser outlet blade (15) is provided in the region of the outlet cross-section (11) in the flow channel (7), said outlet blade can prevent known disadvantages of traditional bladed diffusers.

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F04D 29/44 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2011036206A1

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