

Title (en)
CENTRIFUGAL IMPELLER OF COMPRESSOR

Title (de)
ZENTRIFUGALRAD EINES VERDICHTERS

Title (fr)
ROUET CENTRIFUGE DE COMPRESSEUR.

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Application
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Abstract (en)
[origin: WO2010139901A1] The invention relates to a centrifugal impeller for a compressor, through which a fluid is to pass, said impeller (18) including blades (24, 25), each having a leading edge and a trailing edge (24F, 25F), the rotation of said impeller (18) drawing the fluid at the front of the impeller, said fluid being discharged at the outer periphery of the impeller (18) at the trailing edge (24F, 25F) of the blades, said blades (24, 25) being such that, in a radial cross-section intersecting the trailing edge (24F, 25F) of the blades, the latter are curved in a direction opposite to that of the rotation of the impeller and the trailing edge portion of said blades (24, 25) is straightened in the impeller rotation direction such that it forms an end fin (26, 27) for diverting the fluid flow by radially adjusting same.

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