

Title (en)  
COMPRESSOR IMPELLER AND METHOD FOR MANUFACTURING SAME

Title (de)  
VERDICHTERLAUFRAD UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
ROUET CENTRIFUGE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 3369938 A1 20180905 (EN)**

Application  
**EP 16884910 A 20160114**

Priority  
JP 2016050923 W 20160114

Abstract (en)  
A compressor impeller includes: a hub; and a blade group including a plurality of blades arranged along a circumferential direction on an outer peripheral surface of the hub, the blade group being configured such that hub-side ends of leading edges of the respective blades are aligned on the same circle. The plurality of blades include at least one first blade and at least one second blade having a different shape from the at least one first blade. When comparing a blade angle of a leading edge of the at least one first blade to a blade angle of a leading edge of the at least one second blade at the same position in a radial direction of the compressor impeller, the blade angle of the leading edge of the at least one first blade is different from the blade angle of the leading edge of the at least one second blade, at least in a partial range in the radial direction of the compressor impeller.

IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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