

Title (en)
Guide blade assembly, assembly method and fluid flow engine

Title (de)
Leitschaufelkranz, Montageverfahren und Strömungsmaschine

Title (fr)
Stator, procédé de montage et turbomachine

Publication
EP 2716874 B1 20171227 (DE)

Application
EP 12187575 A 20121008

Priority
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Abstract (en)
[origin: EP2716874A1] The guide blade assembly (1) has multiple rotatable guide blades (2), an inner ring (4) with two half-rings for radial inner stabilization of the guide blades, and a circular seal carrier (8). The shaped elements (6) are inserted in opposite recesses of the half ring segments, which cooperate with wall sections of the recesses in a form-fit or force-fit manner. The half ring segments have a centering section (26), on which a guide blade is guided in each case. An independent claim is included for a method for mounting a guide blade assembly.

IPC 8 full level
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CPC (source: EP)
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Cited by
US2016238028A1; EP3460196A1; EP3203035A1; EP3056684A1; US10294963B2; US10450888B2; US10858959B2

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