

Title (en)
GUIDE VANE ARRANGEMENT OF A TURBO-MACHINE

Title (de)
LEITSCHAUFEL-ANORDNUNG EINER STRÖMUNGSMASCHINE

Title (fr)
DISPOSITIF D'AUBE DIRECTRICE D'UNE TURBOMACHINE

Publication
EP 1917419 B1 20090506 (DE)

Application
EP 06792762 A 20060809

Priority
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• CH 13482005 A 20050817

Abstract (en)
[origin: US7677867B2] A guide vane arrangement of a turbomachine includes a casing, at least one guide vane carrier connected to the casing and having a first carrying portion and a second carrying portion spaced apart axially from the first carrying portion, a plurality of guide vanes connected to the guide vane carrier and arranged next to each other in a circumferential direction, and at least one securing element connected to the guide vane carrier and configured to provide an axial fixing of at least one of the guide vanes. Each guide vane has a platform including a first locking portion and a second locking portion spaced apart axially from the first locking portion, wherein each of the first and second locking portions and the respective first and second carrying portion are adapted to provide an axially pluggable and a radially positive fastening between the guide vane carrier and the respective guide vane.

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