

Title (en)

Selection procedure for the arrangement of sectors of a stator ring for a turbomachine

Title (de)

Auswahlverfahren für die Anordnung von Sektoren eines Leitkranzes für Turbomaschinen

Title (fr)

Procédé de choix d'un arrangement de secteurs pour un distributeur pour turbomachine

Publication

EP 2075721 B1 20180912 (FR)

Application

EP 08172427 A 20081219

Priority

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Abstract (en)

[origin: EP2075721A1] The method involves creating a database of three-dimensional numerical models of a valve sector (100) and lateral valve sectors (200, 300), by digitizing. A criterion to select an arrangement of the sectors is set, and a desired value for the criterion is set. Relative positions of the sectors are determined, for various evaluated arrangements, when the sectors are assembled together. A value of the criterion for the arrangement under evaluation, is determined according to the positions. The arrangement, in which the criterion has the value closest to the desired value, is retained. The criterion is a function of the shapes and the relative positions of the sectors.

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP4006308A1; EP3130887A1; US10013752B2; FR3116861A1; EP3712386A1; US10876429B2; US11580633B2

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