

Title (en)

Axial fixation of gas turbine rotor blades

Title (de)

Axiale Fixierung von Rotorblättern einer Gasturbine

Title (fr)

Moyen de rétention pour aubes mobiles dans un étage rotorique

Publication

EP 1217168 B1 20060628 (FR)

Application

EP 00870311 A 20001221

Priority

EP 00870311 A 20001221

Abstract (en)

[origin: EP1217168A1] The blade retainer for a turbine/compressor rotor stage (10) consists of an open ring (40) with a slit and added material (45) on the sides of the ring adjacent to the slit to compensate for the reduction in weight created by the slit. The added material covers a portion of the ring corresponding to the distance between two adjacent blades, and is in the form of an extra blade width designed and calculated to compensate mechanically and precisely for the missing material of the slit.

IPC 8 full level

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CPC (source: EP)

F01D 5/3015 (2013.01); **F01D 5/326** (2013.01)

Cited by

EP3647545A1; EP2918785A1; US10138741B2

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DOCDB simple family (publication)

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