

Title (en)

Blade root fixation device and corresponding mounting method

Title (de)

Schaufelfussbefestigung und entsprechendes Montageverfahren

Title (fr)

Système de fixation des pieds d'aubes et procédé de montage correspondant

Publication

EP 1707747 A1 20061004 (DE)

Application

EP 05005990 A 20050318

Priority

EP 05005990 A 20050318

Abstract (en)

The component has a number of blades (7) held in a groove (5) of the component, where each blade has a blade root (9) arranged in the groove. The blade root is supported by a stem part (25) having a conical shape. The conical shape extends across a large portion of a longitudinal axis of the stem part and has two stem surfaces that are running in non-parallel manner. The stem part is arranged between the blade root and boundaries of the groove. Independent claims are also included for the following: (1) a turbine e.g. steam turbine with a turbine component (2) a method for mounting a blade with a turbine component.

IPC 8 full level

F01D 5/30 (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP)

F01D 5/303 (2013.01); **F05D 2230/644** (2013.01); **F05D 2250/232** (2013.01); **F05D 2260/30** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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