

Title (en)

ARRANGEMENT FOR AXIALLY SECURING ROTATING BLADES IN A ROTOR, AND GAS TURBINE HAVING SUCH AN ARRANGEMENT

Title (de)

ANORDNUNG ZUR AXIALSICHERUNG AN LAUFSCHAUFELN IN EINEM ROTOR SOWIE GASTURBINE MIT EINER SOLCHEN ANORDNUNG

Title (fr)

AGENCEMENT POUR FIXATION AXIALE À DES AILETTES DE ROTOR ET TURBINE À GAZ DOTÉE D'UN TEL AGENCEMENT

Publication

EP 2129871 A1 20091209 (DE)

Application

EP 08717999 A 20080319

Priority

- EP 2008053271 W 20080319
- EP 07007088 A 20070404
- EP 08717999 A 20080319

Abstract (en)

[origin: EP1978211A1] Arrangement (10) comprises a unit consisting of an opening (63) arranged in a sealing element (42), a recess (65) arranged in the side surface (56) of a shaft collar and flush with the opening and a blocking element (67) sitting in the recess and in the opening. The blocking element is secured by plastic deformation to prevent losses. An independent claim is also included for a gas turbine with the above arrangement. Preferred Features: The blocking element has a wedge-shaped cross-section in the region of the recess and a bolt protruding on the front side and inserted into the opening of the sealing element.

IPC 8 full level

F01D 5/32 (2006.01)

CPC (source: EP US)

F01D 5/3015 (2013.01 - EP US); **F05B 2260/301** (2013.01 - EP US)

Citation (search report)

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