

Title (en)

Seal holder for a stator assembly

Title (de)

Dichtungsträger für eine Leitschaufelanordnung

Title (fr)

Support de joint d'étanchéité pour ensemble statorique

Publication

EP 2722486 B1 20161207 (DE)

Application

EP 12188822 A 20121017

Priority

EP 12188822 A 20121017

Abstract (en)

[origin: EP2722486A1] The fish mouth seal carrier includes a seal (3) mounted on the radial inner axial arm (1.1,2.1) of the box profile. Either the primary half shell segment (1) or the second half shell segment (2) includes an integrally formed axial flange (1.4,2.4). The axial flange together with the radial inner platform (11) of the guide vane (10) of the gas turbine forms a fish mouth seal for accommodating the axial flange extending from the adjoining moving blade radially between the radial inner platform and the axial flange. Independent claims are also included for the following: (1) a gas turbine; and (2) a producing method for fish mouth seal carrier for guide vane arrangement of gas turbine.

IPC 8 full level

F01D 11/00 (2006.01); **F01D 11/02** (2006.01)

CPC (source: EP US)

B21J 5/00 (2013.01 - US); **F01D 5/08** (2013.01 - US); **F01D 11/001** (2013.01 - EP US); **F01D 11/02** (2013.01 - EP US); **Y10T 29/49321** (2015.01 - EP US)

Cited by

EP3208426A1; DE102016202519A1; EP3409899A1; DE102017209420A1; FR3039589A1; EP3483399A1; EP3517734A1; FR3113298A1; EP4345251A1; FR3108358A1; EP3409897A1; IT201900013218A1; EP2960555A1; US10094230B2; US10808561B2; US10844737B2; US10865651B2; WO2021186135A1; US10895162B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2722486 A1 20140423; **EP 2722486 B1 20161207**; US 2014105725 A1 20140417; US 9856736 B2 20180102

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