

Title (en)

Fixing stator elements in a turbomachine casing

Title (de)

Befestigung von Statorelementen in einem Turbomaschinengehäuse

Title (fr)

Attachement des éléments de stator dans le carter d'une turbomachine

Publication

**EP 1288444 A1 20030305 (FR)**

Application

**EP 02292127 A 20020829**

Priority

FR 0111232 A 20010830

Abstract (en)

The stator housing (39), comprising a casing with rings (41, 44) attached to its inner surface by hooks (40), has each hook made with two opposite slots (42, 43) to engage with two rings. The hooks are connected to the casing by tenon and mortise joints (47, 48), and the rings are in the form of seal rings alternating with fixed blade rings, fitted to certain hooks in a way that leaves the hooks partially exposed. Some of the hooks are one-sided and support fixed stator blade rings only.

Abstract (fr)

Un carter (39) comprend une enveloppe extérieure (49) munie de crochets (40) de support d'anneaux de stator (41) et d'étanchéité (44) ; les crochets (40) sont discontinus angulairement et joints à l'enveloppe (49) par des assemblages à tenon et mortaise (47, 48). Une seule rangée de crochets (40) peut être prévue par anneau de stator (41). Les crochets et l'enveloppe peuvent ainsi être construits en matières différentes, celle des crochets résistant bien à l'échauffement et l'autre se prêtant mieux à l'usinage et au façonnage. La ventilation, le pilotage des jeux et la protection thermique sont facilités. <IMAGE>

IPC 1-7

**F01D 25/24**; **F01D 11/24**; **F01D 25/14**

IPC 8 full level

**F01D 1/00** (2006.01); **F01D 11/24** (2006.01); **F01D 25/14** (2006.01); **F01D 25/24** (2006.01); **F02C 7/18** (2006.01)

CPC (source: EP US)

**F01D 11/24** (2013.01 - EP US); **F01D 25/145** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (publication)

**EP 1288444 A1 20030305**; **EP 1288444 B1 20041027**; CA 2457892 A1 20030306; CA 2457892 C 20110208; CN 1325765 C 20070711; CN 1549887 A 20041124; DE 60201718 D1 20041202; DE 60201718 T2 20060209; ES 2229067 T3 20050416; FR 2829176 A1 20030307; FR 2829176 B1 20050624; JP 2005501192 A 20050113; JP 4279667 B2 20090617; MA 26137 A1 20040401; RU 2004109232 A 20050520; RU 2324057 C2 20080510; UA 76185 C2 20060717; US 2004184912 A1 20040923; US 7070387 B2 20060704; WO 03018962 A1 20030306

DOCDB simple family (application)

**EP 02292127 A 20020829**; CA 2457892 A 20020828; CN 02816816 A 20020828; DE 60201718 T 20020829; ES 02292127 T 20020829; FR 0111232 A 20010830; FR 0202948 W 20020828; JP 2003523797 A 20020828; MA 27534 A 20040217; RU 2004109232 A 20020828; UA 2004021459 A 20020828; US 48683104 A 20040220