

Title (en)

SEALING CONFIGURATION USING A BELLOWS TO REDUCE AIR LEAKAGE

Title (de)

DICHTUNGSANORDNUNG MIT EINEM FEDERBALG ZUR REDUZIERUNG VON LUFTLECKAGEN

Title (fr)

CONFIGURATION D'ÉTANCHÉITÉ AVEC UN SOUFFLET POUR RÉDUIRE DES FUITES D'AIR

Publication

EP 3597867 B8 20210414 (EN)

Application

EP 19186853 A 20190717

Priority

US 201816037470 A 20180717

Abstract (en)

[origin: EP3597867A1] A seal assembly (280) for a fluid transfer tube (250) in a gas turbine engine is disclosed. The seal assembly (230) includes a base member (236) having a first side configured to mate with a casing (224) and a second side opposite the first side, a housing (232) configured to mate with the second side of the base member (236) and to surround a portion of the fluid transfer tube (250), a bellows (260) surrounding the fluid transfer tube (250) and positioned between the housing (232) and the casing (224), and a wear ring (270) disposed between the housing (232) and the bellows (260).

IPC 8 full level

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CPC (source: EP US)

F01D 9/06 (2013.01 - US); **F01D 9/065** (2013.01 - EP); **F01D 11/003** (2013.01 - EP US); **F01D 11/005** (2013.01 - US); **F02C 6/08** (2013.01 - EP); **F05D 2220/32** (2013.01 - US); **F05D 2240/14** (2013.01 - US); **F05D 2240/55** (2013.01 - EP US); **F05D 2250/611** (2013.01 - EP); **F05D 2300/431** (2013.01 - EP); **F05D 2300/603** (2013.01 - EP); **Y02T 50/60** (2013.01 - EP)

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