

Title (en)

SEALING SYSTEM FOR A TURBINE ENGINE COMPRESSOR

Title (de)

ABDICHTUNGSSYSTEM FÜR KOMPRESSOR EINER STRÖMUNGSMASCHINE

Title (fr)

SYSTÈME D'ÉTANCHÉITÉ POUR COMPRESSEUR DE TURBOMACHINE

Publication

EP 3409902 B1 20200219 (FR)

Application

EP 18173133 A 20180518

Priority

BE 201705396 A 20170602

Abstract (en)

[origin: US2018347579A1] A low-pressure compressor for a turbine engine, such as an aircraft turbojet engine includes a rotor with two rows of rotor blades between which two annular ribs are positioned; and one annular row of stator blades between the rotor blades. An internal shroud is connected to the stator blades. The internal shroud includes abradable material collaborating with the annular ribs, and annular teeth made of an abradable material and which extend radially towards the rotor, so as to provide sealing. The system may be used in a method for manufacturing a bypass turbojet engine compressor.

IPC 8 full level

F01D 11/00 (2006.01); **F01D 11/12** (2006.01); **F04D 29/02** (2006.01); **F04D 29/16** (2006.01)

CPC (source: CN EP US)

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Cited by

FR3088671A1; FR3091720A1; FR3091725A1; US11585230B2; WO2020148489A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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