

Title (en)

COOLING DEVICE FOR A TURBINE-ENGINE HOUSING

Title (de)

VORRICHTUNG ZUM KÜHLEN EINES TURBOTRIEBWERKGEHÄUSES

Title (fr)

DISPOSITIF DE REFROIDISSEMENT D'UN CARTER DE TURBOMACHINE

Publication

EP 3587743 B1 20210616 (FR)

Application

EP 19182042 A 20190624

Priority

FR 1855680 A 20180625

Abstract (en)

[origin: US2019390569A1] The thermal shrinkage of a casing (2) to regulate as best as possible the internal play between the rotor and the stator is carried out by a ring (4) fixed onto the skin (2) rather than by a circular ramp at a distance therefrom. The ring (4) comprises, between a collection box (8) and the skin (2), a foraminous plate (7), placed on an opening of the box (8) parallel to the skin (2) and at a short distance, in order to impose invariable and known ventilation conditions.

IPC 8 full level

F01D 11/24 (2006.01)

CPC (source: CN EP US)

F01D 11/24 (2013.01 - EP); **F01D 25/12** (2013.01 - CN); **F01D 25/14** (2013.01 - US); **F01D 25/14** (2013.01 - EP); **F05D 2260/20** (2013.01 - US); **F05D 2260/201** (2013.01 - EP); **F05D 2260/232** (2013.01 - CN)

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