

Title (en)

DEVICE FOR COOLING A TURBOMACHINE HOUSING

Title (de)

VORRICHTUNG ZUR KÜHLUNG DES GEHÄUSES EINER TURBOMASCHINE

Title (fr)

DISPOSITIF DE REFROIDISSEMENT D'UN CARTER DE TURBOMACHINE

Publication

**EP 3803062 A1 20210414 (FR)**

Application

**EP 19742079 A 20190528**

Priority

- FR 1854643 A 20180530
- FR 2019051258 W 20190528

Abstract (en)

[origin: WO2019229377A1] The invention relates to a device (21) for cooling an annular housing (18) of a turbomachine, comprising a collector box (22) designed to extend circumferentially around the axis of the housing (18), at least two cooling tubes (23) extending circumferentially and connected to the internal volume of the box (22), the box (22) and/or each tube (23) comprising ejection orifices opening radially toward the housing (18), characterized in that connection portions of the tubes (23) which are formed in a single piece with the box (22) extend circumferentially projecting outward from the box (22), forming between them at least one hollow area (29) of the box which allows air to pass radially from the interior toward the exterior of the box (22).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019229377A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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