

Title (en)  
TURBINE ENGINE HOUSING

Title (de)  
GEHÄUSE EINES TURBOTRIEBWERKS

Title (fr)  
CARTER DE TURBOMACHINE

Publication  
**EP 3705686 B1 20230705 (FR)**

Application  
**EP 20159352 A 20200225**

Priority  
FR 1901889 A 20190225

Abstract (en)  
[origin: CN111608750A] The invention relates to a housing (12) of a turbine of a turbine engine (11). The housing comprises an internal protective cover (15), an outer protective cover (16) extending around the inner protective cover (15) and a hollow arm (18) connecting the outer protective cover (16) to the inner protective cover (15), each hollow arm (18) is intended to receive a tubular auxiliary element (21), and each hollow arm (18) defines an inner housing (180) connecting a first through-hole (150) through the inner protective cover (15) in a radial direction (DR) with a second through-hole (160) through the outer protective cover (16) in the radial direction (DR), and includes an inner wall (182) facing the inner housing (180). Each arm (18) comprises at least one projection (185a, 185b, 1850a, 1850b) on said inner wall (182) of the arm (18), the protruding portion protrudes from the inner wall (182) toward the inner housing (180) and defines a constricted portion (188, 1880) of the inner housing (180) in a cross-section orthogonal to an extending direction of the arm (18).

IPC 8 full level  
**F01D 9/06** (2006.01)

CPC (source: CN EP US)  
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**F05D 2260/96** (2013.01 - EP)

Cited by  
FR3116859A1; WO2022112685A1

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