

Title (en)

AIR INTAKE HOUSING FOR A TURBO MACHINE WITH RADIAL STRUTS

Publication

**EP 0274293 B1 19900411 (FR)**

Application

**EP 87402659 A 19871125**

Priority

FR 8616449 A 19861126

Abstract (en)

[origin: US4821758A] A turbine plant intake housing includes an outer shell supporting radially extending arms which include a fixed part and a movable flap associated therewith. Each arm is provided with a metal tie rod having its radially outer end fixed between two forks supported by the outer shell, and its radially inner end co-operating with a metal insert embedded in layers of coiled filaments of composite material forming a floating hub supported by the tie rods. The radially inner end of each rod is attached to the insert of the hub by use of a nut which effects a prestressing clamping of the tie rod on assembly.

IPC 1-7

**F01D 5/28; F01D 17/16**

IPC 8 full level

**F01D 17/16** (2006.01)

CPC (source: EP US)

**F01D 17/162** (2013.01 - EP US); **Y10T 137/0536** (2015.04 - EP US)

Cited by

DE4212878A1; US5314301A; GB2266562A; GB2266562B; EP0659979A1; FR2714109A1; US5520511A; EP2083174A1

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**FR 2607188 A1 19880527; FR 2607188 B1 19910208**; DE 3762257 D1 19900517; EP 0274293 A1 19880713; EP 0274293 B1 19900411; US 4821758 A 19890418

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