

Title (en)
TURBOMACHINE OUTPUT BEARING SUPPORT

Title (de)
LAGERHALTERUNG FÜR EINEN TURBOMASCHINENAUSGANG

Title (fr)
SUPPORT DE PALIER DE SORTIE DE TURBOMACHINE

Publication
EP 3990753 A1 20220504 (FR)

Application
EP 20742352 A 20200616

Priority
• FR 1906933 A 20190626
• FR 2020051040 W 20200616

Abstract (en)
[origin: WO2020260796A1] Turbomachine output bearing support (10) extending in an axial direction (X), said support (10) being formed in a single part and comprising an annular inner wall (12) and having an inner side (CI) and an outer side (CE), an annular outer wall (14) arranged on the outer side (CE) of the inner wall (12), and a twist support (16), the inner wall (12) comprising a first portion (12A) having a first shape that is essentially frustoconical and extends in the axial direction (X) and has the inner side (CI) and the outer side (CE), the first portion (12A) having a first axial end (12A1) provided with a first attachment flange (18) and a second axial end (12A2) that is opposite in the axial direction (X) from the first axial end (12A1), provided with a bearing support portion (20), the first portion (12A) having, on the inner side (CI), an inner portion (22) forming a second attachment flange, the twist support (16) being borne by the inner wall (12A) on the outer side (CE).

IPC 8 full level
F01D 25/16 (2006.01); **F01D 25/24** (2006.01)

CPC (source: CN EP US)
F01D 25/162 (2013.01 - CN EP US); **F01D 25/18** (2013.01 - US); **F01D 25/24** (2013.01 - US); **F01D 25/243** (2013.01 - CN EP); **F05D 2220/32** (2013.01 - US); **F05D 2230/30** (2013.01 - CN EP); **F05D 2230/31** (2013.01 - US); **F05D 2230/53** (2013.01 - CN EP); **F05D 2240/50** (2013.01 - US); **F05D 2260/98** (2013.01 - US)

Citation (search report)
See references of WO 2020260796A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3097900 A1 20210101; **FR 3097900 B1 20210604**; CN 114080491 A 20220222; CN 114080491 B 20230718; EP 3990753 A1 20220504; EP 3990753 B1 20230405; US 11686216 B2 20230627; US 2022235672 A1 20220728; WO 2020260796 A1 20201230

DOCDB simple family (application)
FR 1906933 A 20190626; CN 202080047171 A 20200616; EP 20742352 A 20200616; FR 2020051040 W 20200616; US 202017597065 A 20200616