

Title (en)
ASSEMBLY FOR TURBOMACHINE

Title (de)
ANORDNUNG FÜR EINE TURBOMASCHINE

Title (fr)
ENSEMBLE POUR TURBOMACHINE

Publication
EP 3976929 A1 20220406 (FR)

Application
EP 20732122 A 20200527

Priority

- FR 1905755 A 20190529
- FR 1905733 A 20190529
- EP 2020064645 W 20200527

Abstract (en)
[origin: WO2020239803A1] Disclosed is an assembly for a turbomachine comprising:

- a first rotor comprising:
 - a disc (120), and
 - a plurality of vanes (122) capable of fluttering relative to the disc (120),
 - a second rotor (140), and
 - a damper (2) configured to dampen a movement of the first rotor relative to the second rotor (140), in a plane orthogonal to the longitudinal axis, the damper (2) comprising:
 - a first bearing portion (21) that comes to bear on the first rotor in a first bearing zone extending over a first angular sector around the longitudinal axis,
 - a second bearing portion (22) that comes to bear on the first rotor in a second bearing zone extending over a second angular sector around the longitudinal axis, and
 - a third bearing portion (23) that comes to bear on the second rotor (140).

IPC 8 full level
F01D 5/16 (2006.01); **F01D 5/22** (2006.01); **F01D 5/26** (2006.01); **F04D 29/66** (2006.01)

CPC (source: CN EP US)
F01D 5/027 (2013.01 - EP); **F01D 5/10** (2013.01 - EP US); **F01D 5/16** (2013.01 - US); **F01D 5/22** (2013.01 - US); **F01D 5/26** (2013.01 - US);
F01D 25/04 (2013.01 - EP); **F01D 25/06** (2013.01 - CN US); **F04D 29/321** (2013.01 - EP); **F04D 29/662** (2013.01 - EP);
F04D 29/668 (2013.01 - EP); **F05D 2220/30** (2013.01 - US); **F05D 2220/36** (2013.01 - EP); **F05D 2240/30** (2013.01 - US);
F05D 2260/96 (2013.01 - EP US)

Citation (search report)
See references of WO 2020239803A1

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)
WO 2020239803 A1 20201203; CN 114080490 A 20220222; EP 3976929 A1 20220406; US 11828191 B2 20231128;
US 2022228491 A1 20220721

DOCDB simple family (application)
EP 2020064645 W 20200527; CN 202080047903 A 20200527; EP 20732122 A 20200527; US 202017614226 A 20200527