

Title (en)  
LEVER CONNECTION OF A GUIDE VANE ADJUSTMENT FOR TURBOMACHINES AND ASSOCIATED METHOD OF MANUFACTURING

Title (de)  
HEBELANBINDUNG EINER LEITSCHAUFELVERSTELLUNG FÜR STRÖMUNGSMASCHINEN UND ZUGEHÖRIGES  
HERSTELLUNGSVERFAHREN

Title (fr)  
CONNEXION À LEVIER D'UN POSITIONNEMENT D'AUBE DIRECTRICE POUR TURBOMACHINES ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication  
**EP 3524778 B1 20200909 (DE)**

Application  
**EP 19156350 A 20190211**

Priority  
DE 102018202119 A 20180212

Abstract (en)  
[origin: US2019249562A1] Disclosed is a lever connection for a guide vane adjustment for connecting a guide vane of a turbomachine to an adjusting ring of an actuator, which is arranged in such a way that an adjusting lever of the lever connection is pushed radially from a first mounting direction, in relation to a machine longitudinal axis of the turbomachine, onto a vane shaft of the guide vane, and is locked with the vane shaft in a form-fitting and, in particular, rotationally rigid manner by means of a movement in a second mounting direction; a mounting method; and a turbomachine.

IPC 8 full level  
**F01D 9/04** (2006.01); **F01D 17/16** (2006.01)

CPC (source: EP US)  
**F01D 9/041** (2013.01 - US); **F01D 9/042** (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F04D 29/563** (2013.01 - US);  
**F05D 2230/60** (2013.01 - EP US); **F05D 2250/294** (2013.01 - EP US); **F05D 2260/36** (2013.01 - EP US); **F05D 2260/50** (2013.01 - US);  
**F05D 2260/79** (2013.01 - US)

Cited by  
FR3139857A1; WO2023020655A1

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

DOCDB simple family (publication)  
**EP 3524778 A1 20190814; EP 3524778 B1 20200909**; DE 102018202119 A1 20190814; US 10876425 B2 20201229;  
US 2019249562 A1 20190815

DOCDB simple family (application)  
**EP 19156350 A 20190211**; DE 102018202119 A 20180212; US 201916271842 A 20190210