

Title (en)
SEALING RING OF A ROTOR AND ROTOR

Title (de)
DICHTRING EINES ROTORS SOWIE ROTOR

Title (fr)
ANNEAU D'ÉTANCHÉITÉ D'UN ROTOR ET ROTOR

Publication
EP 3318723 B1 20210113 (DE)

Application
EP 16197268 A 20161104

Priority
EP 16197268 A 20161104

Abstract (en)
[origin: WO2018082908A1] The invention relates to a sealing segment (11) for forming a sealing ring of a rotor of a gas turbine and to a rotor equipped with corresponding sealing segments (11). The sealing segment (11) comprises a central anchoring section (13) having a securing profile (14) on the side pointing towards the rotor axis. Sealing sections (15) extend from the centre of a segment (12) to each side, with a first or second support portion (17, 18) on each end. Due to the design of the securing profile (14) which is in the form of a hook open to the side, mounting is simple, said hook profile can be hooked laterally in a corresponding receiving profile (04) on a rotor disk (01, 02).

IPC 8 full level
F01D 11/00 (2006.01); **F01D 25/28** (2006.01)

CPC (source: EP)
F01D 11/001 (2013.01); **F01D 25/285** (2013.01); **F05D 2250/75** (2013.01); **F05D 2260/36** (2013.01)

Citation (examination)
WO 2018065739 A1 20180412 - SAFRAN AIRCRAFT ENGINES [FR]

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 3318723 A1 20180509; EP 3318723 B1 20210113; WO 2018082908 A1 20180511

DOCDB simple family (application)
EP 16197268 A 20161104; EP 2017076348 W 20171016