

Title (en)  
TURBOMACHINE RING

Title (de)  
TURBOMASCHINENRING

Title (fr)  
ANNEAU DE TURBOMACHINE

Publication  
**EP 3740658 A1 20201125 (FR)**

Application  
**EP 19703160 A 20190109**

Priority  
• FR 1800060 A 20180116  
• FR 2019050035 W 20190109

Abstract (en)  
[origin: WO2019141918A1] Turbomachine ring and a turbomachine comprising such a ring and a method for repairing such a ring, the turbomachine ring comprising an essentially cylindrical support (31v) comprising a front surface (36) in which a notch (35) is made, one or more sectors (32) forming a crown configured to create an air stream section, each sector (32) comprising a hook portion (34) projecting in the direction of the support (31v) and engaging in the notch (35) of the support (31v), and an anti-wear device (40) having a U-shaped portion (41), provided in the notch (35) of the support (31v) and pressed at least against the radially external surface (35d) of the notch (35), and a tab portion (42) continuously extending the U-shaped portion (41), pressed against and affixed to the front surface (36) of the support (31v).

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

CPC (source: EP US)  
**F01D 9/04** (2013.01 - US); **F01D 25/246** (2013.01 - EP US); **F01D 11/08** (2013.01 - US); **F05D 2220/323** (2013.01 - US); **F05D 2230/80** (2013.01 - EP US); **F05D 2260/38** (2013.01 - EP US)

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 3076852 A1 20190719**; **FR 3076852 B1 20200131**; CN 111615585 A 20200901; CN 111615585 B 20230210; EP 3740658 A1 20201125; EP 3740658 B1 20240529; US 11566540 B2 20230131; US 2020392871 A1 20201217; WO 2019141918 A1 20190725

DOCDB simple family (application)  
**FR 1800060 A 20180116**; CN 201980008850 A 20190109; EP 19703160 A 20190109; FR 2019050035 W 20190109; US 201916962026 A 20190109