

Title (en)  
TUBINE COMPONENT COMPRISING A PLATFORM WITH A DEPRESSION

Title (de)  
TURBOMASCHINENKOMPONENTE WELCHE EINE PLATFORM MIT EINDRÜCKUNG BEINHÄLTET

Title (fr)  
COMPOSANT DE TURBINE COMPORTANT UNE PLATEFORME AVEC UNE DÉPRESSION.

Publication  
**EP 3441564 A1 20190213 (EN)**

Application  
**EP 17185905 A 20170811**

Priority  
EP 17185905 A 20170811

Abstract (en)  
A component (300, 400) for use in a turbomachine is provided. The component (300, 400) comprises a platform (310, 410) having a leading end (312, 412) longitudinally spaced apart from a trailing end (312, 412), an aerofoil portion (320, 420) extending from the platform (310, 410), the aerofoil portion (320, 420) having a leading edge (322, 422) and a trailing edge (314, 414). The platform (310, 410) further comprises a leading end region (315, 415) between the leading end (312, 412) of the platform (310, 410) and the leading edge (322, 422) of the aerofoil portion (320, 420), and a depression (330, 430) which extends into the platform (310, 410), and is located in the leading end region (315, 415).

IPC 8 full level  
**F01D 5/14** (2006.01); **F01D 9/04** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP)  
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Citation (search report)  
• [X] EP 3150312 A1 20170405 - UNITED TECHNOLOGIES CORP [US]  
• [XI] US 2016115972 A1 20160428 - TAYLOR JAMES VINCENT [GB]  
• [X] EP 3078804 A1 20161012 - ROLLS ROYCE DEUTSCHLAND [DE]

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

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DOCDB simple family (application)  
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