

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)
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BA ME

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