

Title (en)
Stator vane and corresponding assembly

Title (de)
Leitschaufel und zugehörige Anordnung

Title (fr)
Aube de stator et agencement associé

Publication
EP 2808491 A1 20141203 (EN)

Application
EP 13169712 A 20130529

Priority
EP 13169712 A 20130529

Abstract (en)
A stator vane 100 and assembly 200 for a turbine engine is described. The stator vane 100 includes outer and inner platforms 102, 104, and a vane aerofoil portion 112 extending between the outer and inner platforms 102, 104. The inner platform 104 has first and second opposed side edges 106, 108. The first side edge 106 includes an engaging member 110, and the second side edge 108 includes a complementary engaging member 112. The engaging member 110 and the complementary engaging member 112 are engagable so as, when mounted, to be axially restrained thereby but so as to allow its radial and circumferential freedom, preventing torsion of the vane aerofoil portion 112.

IPC 8 full level
F01D 9/04 (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP)
F01D 9/041 (2013.01); **F01D 25/246** (2013.01); **F05D 2250/182** (2013.01)

Citation (search report)

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- [X] GB 2242709 A 19911009 - GEN ELECTRIC [US]
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Cited by
EP3043028A1; US2018209304A1; US2024263560A1; EP4249756A4; US10690147B2; US10018066B2

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

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