

Title (en)
Turbine blade or vane with cooled platform

Title (de)
Lauf- oder Leitschaufel einer Turbine mit gekühlter Plattform

Title (fr)
Aube rotorique ou statorique de turbine à plateforme refroidie

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Application
EP 08003397 A 20080225

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Abstract (en)
The present invention relates to a turbine component, in particular a vane (1) or a blade (12), comprising a platform (3), an airfoil portion (2) extending outwardly from said platform (3) and a shank portion (5) extending inwardly from said platform (3), whereby said platform (3) comprising an end zone (10) forming an platform trailing edge (4), whereby inwardly orientated surface of said trailing edge (4) is being ventilated by a flow (F) of a cooling medium streaming outwardly along said surface. It is an object of an invention to provide such a turbine component (1, 12), which permits enhanced cooling of the inwardly orientated surface of trailing edge (4). The problem is solved by associating said inwardly orientated surface with at least one surface enlargement element (17, 21).

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