

Title (en)
An enhanced cooling surface

Title (de)
Verbesserte Kühlfläche

Title (fr)
Surface de refroidissement améliorée

Publication
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Application
EP 11164140 A 20110428

Priority
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Abstract (en)
The invention relates to a wall element (100) for a gas turbine. The wall element (100) comprises a surface running along a surface plane (103) of the wall element (100). The surface comprises a profile (110) extending from the surface plane (103), wherein the profile (110) has a cross section within a cross section plane (106) which is perpendicular to the surface plane (103). The profile (110) comprises along a direction (107) being orientated parallel to the surface plane (103) a first section (I) which runs from the surface plane (103) to a first elevation plane (101) which is parallel to the surface plane (103) and which is spaced from the surface plane (103), a second section (II) which runs from the first elevation plane (101) to a second elevation plane (102) which is parallel to the surface plane (103) and which is located between the first elevation plane (101) and the surface plane (103), a third section (III) which runs from the second elevation plane (102) to the first elevation plane (101) and a fourth section (IV) which runs from the first elevation plane (101) to the surface plane (103).

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Citation (applicant)
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