

Title (en)  
TURBINE BUCKET AND USE THEREOF

Title (de)  
TURBINENSCHAUFEL SOWIE VERWENDUNG EINER TURBINENSCHAUFEL

Title (fr)  
AUBE DE TURBINE ET SON UTILISATION

Publication  
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Application  
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Abstract (en)  
[origin: WO9914465A1] The invention relates to a turbine bucket (1) containing a wall structure (3) which surrounds an inner space (4) for guiding cooling fluid (5). The wall structure (3) consists of an exterior wall (6) with an exterior surface (7) and an inner surface (8) which faces the inner space (4). In addition, the wall structure (3) has an outlet (9) for cooling liquid (5) which is configured as a groove (10) on the exterior surface (7). A thickening (11) directed into the inner space (4) is provided on the exterior wall (6). Said thickening (11) is penetrated by the outlet (9). The invention also relates to the use of a turbine bucket (1) in a gas turbine.

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