

Title (en)

COMPONENT FOR A THERMAL MACHINE, IN PARTICULAR A GAS TURBINE

Title (de)

BAUTEIL FÜR EINE THERMISCHE MASCHINE, INSBESONDERE EINE GASTURBINE

Title (fr)

ÉLÉMENT POUR UNE MACHINE THERMIQUE, EN PARTICULIER UNE TURBINE À GAZ

Publication

**EP 2815083 A1 20141224 (DE)**

Application

**EP 13704137 A 20130215**

Priority

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Abstract (en)

[origin: WO2013121016A1] The invention relates to a component for a thermal machine, in particular a gas turbine, said component having a corner and/or edge (22) subjected to a thermally high load. The cooling of the component is improved in a manner such that at least one cooling channel (25) is countersunk into the surface of the component in the immediate vicinity of the corner and/or edge (22) in order to cool the corner and/or edge (22).

IPC 8 full level

**F01D 25/12** (2006.01)

CPC (source: EP US)

**F01D 5/081** (2013.01 - US); **F01D 5/085** (2013.01 - US); **F01D 5/186** (2013.01 - US); **F01D 5/187** (2013.01 - US); **F01D 25/12** (2013.01 - EP US); **F05D 2230/10** (2013.01 - EP US); **F05D 2240/81** (2013.01 - EP US); **F05D 2260/20** (2013.01 - US); **F05D 2260/208** (2013.01 - US)

Citation (search report)

See references of WO 2013121016A1

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