

Title (en)
Cooling in gas turbines

Title (de)
Kühlung in Gasturbinen

Title (fr)
Refroidissement de turbines à gaz

Publication
EP 1008727 A3 20031119 (DE)

Application
EP 99811112 A 19991202

Priority
DE 19856199 A 19981205

Abstract (en)
[origin: EP1008727A2] A component (210) of esp. a gas turbine has cooling bores (240) for a coolant. The bores have the same cross sections and are positioned at different relative distances. The relative distance are smaller in an area of high static pressure (234) of the fluid flow, than in areas of lower static pressure. The component is a platform, and a blade (211) is positioned on the platform downstream of the coolant bores. Static pressure variations are caused by varying the coolant flow volume.

IPC 1-7
F01D 25/12; F02C 7/18; F01D 5/18

IPC 8 full level
F01D 5/18 (2006.01); **F01D 25/12** (2006.01)

CPC (source: EP US)
F01D 5/186 (2013.01 - EP US); **F01D 25/12** (2013.01 - EP US); **F05D 2240/81** (2013.01 - EP US); **F05D 2260/202** (2013.01 - EP US)

Citation (search report)

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